

Load Cells / Weigh Modules

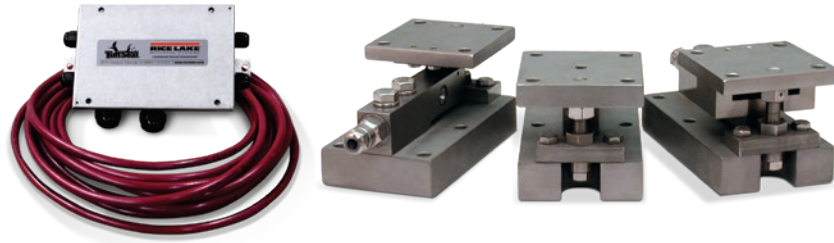
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SURVIVOR Paramounts® HE

Medium-capacity Weigh Module Kits

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Order Information

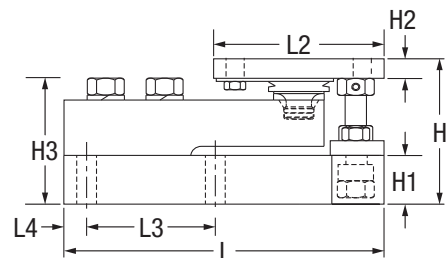
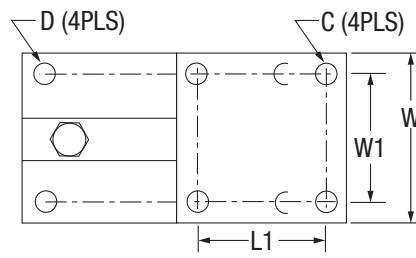
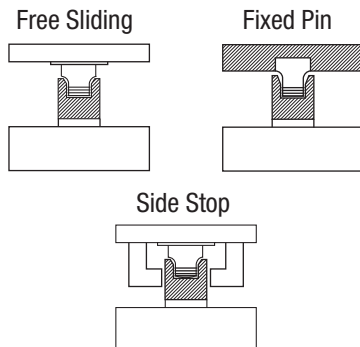
Load Rating (Per Module)	Part #	Price
NTEP Certified/OIML C3 3-Module Kit		
5 kN	29883	\$4,314.00
10 kN	29884	\$4,314.00
23 kN	29885	\$4,314.00
50 kN	29886	\$5,835.00
NTEP Certified/OIML C3 4-Module Kit		
5 kN	29879	\$5,734.00
10 kN	29880	\$5,734.00
23 kN	29881	\$5,734.00
50 kN	29882	\$7,378.00
Non-NTEP Certified 3-Module Kit		
5 kN	17991	\$4,200.00
10 kN	17992	\$4,200.00
23 kN	17993	\$4,200.00
50 kN	17994	\$5,460.00
100 kN	17995	\$6,220.00
Non-NTEP Certified 4-Module Kit		
5 kN	17998	\$5,480.00
10 kN	17999	\$5,480.00
23 kN	18000	\$5,480.00
50 kN	18001	\$6,906.00
100 kN	18002	\$8,644.00
*Conduit adapter, 1/2-14 NPT	17703	\$50.00

*Must be factory installed

Dimensions

Rated Capacity	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1
kN/in														
5 to 23	0.44	0.44	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00
50	0.56	0.56	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87
100	0.69	0.69	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75

*Side stop and free sliding units **Fixed pin units



Complete Kit Includes

- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a Flintec SB4 stainless steel hermetically sealed load cell.
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR load cell cable

Standard Features

- All stainless steel construction
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Load cell outputs are mV/V/ohm calibrated to minimize maintenance costs
- Unique design allows for thermal expansion/contraction
- Low-profile, self-checking design
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique patented blind load hole technology minimizes unwanted side and eccentric loading
- Vessel is free to slide laterally on PTFE-coated surfaces

Applications

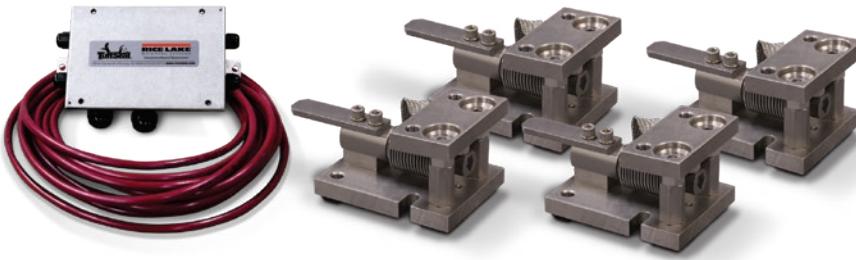
- Medium-capacity blenders and tanks
- Batching/blending
- Pharmaceutical processing
- Food processing
- Petroleum refining and batching

Load Cell Approvals



SURVIVOR RL1700 HE

Light- to Medium-capacity Weigh Module Kits



Picture is a representation of actual product.

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
5 kg	32687	\$1,000.00
10 kg	32688	\$1,000.00
20 kg	32689	\$1,000.00
50 kg	32690	\$1,000.00
100 kg	32691	\$1,000.00
200 kg	32692	\$1,000.00
250 kg	32693	\$1,000.00
500 kg	32974	\$1,225.00
1,000 kg	32973	\$1,225.00
2,000 kg	32972	\$1,225.00
5,000 kg	32971	\$1,495.00
3-Module Kit		
5 kg	32920	\$3,215.00
10 kg	32921	\$3,215.00
20 kg	32922	\$3,215.00
50 kg	32923	\$3,215.00
100 kg	32924	\$3,215.00
200 kg	32925	\$3,215.00
250 kg	32926	\$3,215.00
500 kg	32980	\$3,875.00
1,000 kg	32981	\$3,875.00
2,000 kg	32982	\$3,875.00
5,000 kg	32983	\$4,785.00
4-Module Kit		
5 kg	32927	\$4,250.00
10 kg	32928	\$4,250.00
20 kg	32929	\$4,250.00
50 kg	32930	\$4,250.00
100 kg	32931	\$4,250.00
200 kg	32932	\$4,250.00
250 kg	32933	\$4,250.00
500 kg	32984	\$5,105.00
1,000 kg	32985	\$5,105.00
2,000 kg	32986	\$5,105.00
5,000 kg	32987	\$5,985.00

Dimensions

Rated Capacity	C	B	*H1	**H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3
kg/mm														
5 to 250	13.1	1/2-20 UNF	80.0	86.1	131.8	63.8	76.0	42.0	56.0	14.1	101.4	70.0	15.5	25.4
500 to 2,000	13.1	5/8-18 UNF	101.6	109.4	165.1	71.2	129.5	15.5	75.5	60.0	110.0	70.0	20.0	31.8
5,000	19.8	3/4-10 UNC	135.0	143.0	215.0	81.0	161.0	20.0	90.0	70.0	150.0	90.0	30.0	40.0

* In weighing position ** In jacked-up position for load cell shipping or removal

Complete Kit Includes

- Three or four RL1700 HE stainless steel compression mounts with NTEP Certified RL9018SS (5 to 250 kg) or RLHTO (500 to 5,000 kg) stainless steel, hermetically sealed single-ended beam load cells
- One JB4SS NEMA Type 4X stainless steel signal-trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR load cell cable

Standard Features

- Capacities (per module) 5 to 5,000 kg
- All stainless steel, weldless construction retains less residue and allows fast, thorough cleaning
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking with lift-off/tip-over protection and jacking/shipping bolts
- Load cell is isolated from overload in all directions

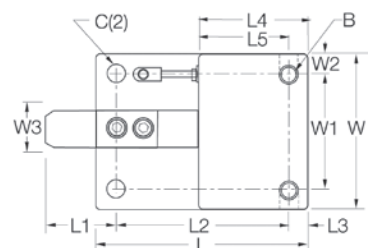
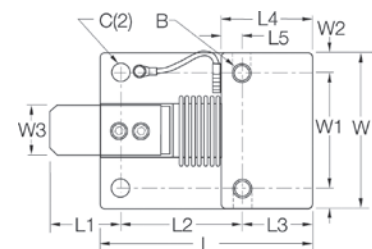
Applications

- Multi-ingredient micro-batching
- Meat and poultry processing
- Batching/blending
- Dye/ink blending

Load Cell Approvals



5 kg - 250 kg capacities



500 kg - 5000 kg capacities

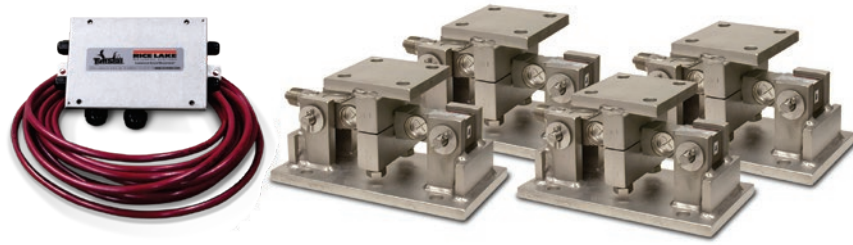
LOAD CELLS /
WEIGH MODULES

SURVIVOR RL1600 HE Series

Medium-capacity Weigh Module Kits

Discontinued

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Order Information

Load Rating (Per Module)	Part #	Price
Single Mount Does Not Include Load Cells		
1,000 to 5,000 lb	17813	\$685.00
10,000 to 25,000 lb	17815	\$1,345.00
3-Module Kit		
1,000 lb	46723	\$4,500.00
1,500 lb	119673	\$4,500.00
2,000 lb	119675	\$4,500.00
2,500 lb	46724	\$4,500.00
5,000 lb	46725	\$4,500.00
10,000 lb	46726	\$6,725.00
15,000 lb	46727	\$6,725.00
20,000 lb	84664	\$6,725.00
25,000 lb	46728	\$6,725.00
4-Module Kit		
1,000 lb	46729	\$5,865.00
1,500 lb	119674	\$5,865.00
2,000 lb	119676	\$5,865.00
2,500 lb	46730	\$5,865.00
5,000 lb	46731	\$5,865.00
10,000 lb	46732	\$8,800.00
15,000 lb	46733	\$8,800.00
20,000 lb	84665	\$8,800.00
25,000 lb	46734	\$8,800.00
Dummy Load Cells (Mild Steel)		
1,000 to 5,000 lb	18236	\$26.00
10,000 to 25,000 lb	18237	\$50.00

Shims*

	Part #	Price
1,000 to 5,000 lb		
0.0625	150852	\$7.00
0.125	150853	\$12.00
0.250	150854	\$18.00
10,000 to 25,000 lb		
0.0625	150855	\$19.00
0.125	150856	\$30.00
0.250	150857	\$65.00

*Shims match the top plate

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000 to 5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000 to 25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00

Complete Kit Includes

- Three or four RL1600 HE stainless steel compression mounts with RL75016WHE stainless steel, hermetically sealed double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR load cell cable

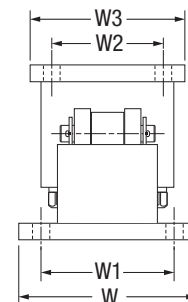
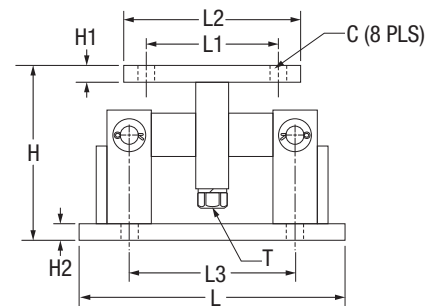
Standard Features

- All stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Center loaded

Applications

- Medium-capacity tanks, bins and hoppers
- Bulk material management
- Ingredient batching, mixing and blending

Load Cell Approvals



SURVIVOR RL1855 HE-HS

Medium-capacity Weigh Module Kits

LOAD CELLS /
WEIGH MODULES



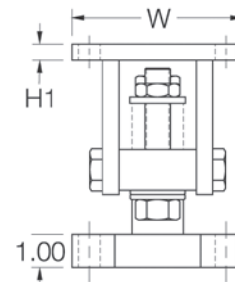
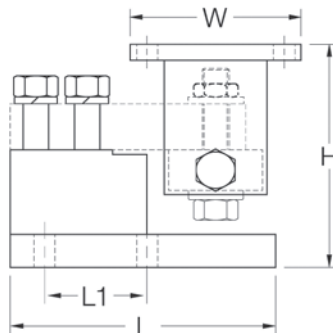
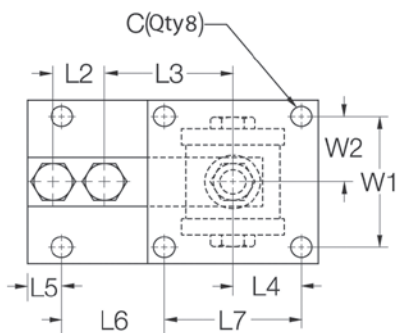
Picture is a representation of actual product.

Order Information

Load Rating (Per Module)	Part #	Price
Single Modules (Includes Load Cell)		
1,000 lb	170857	\$1,065.00
2,500 lb	170858	\$1,065.00
4,000 lb	170859	\$1,065.00
5,000 lb	170860	\$1,150.00
10,000 lb	170861	\$1,150.00
3-Module Kit		
1,000 lb	170862	\$3,354.00
2,500 lb	170863	\$3,354.00
4,000 lb	170864	\$3,354.00
5,000 lb	170865	\$3,615.00
10,000 lb	170866	\$3,615.00
4-Module Kit		
1,000 lb	170867	\$4,360.00
2,500 lb	170868	\$4,360.00
4,000 lb	170869	\$4,360.00
5,000 lb	170870	\$4,765.00
10,000 lb	170871	\$4,765.00

Dimensions

Rated Capacity	C	H min/ max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
lb/in														
1,000 to 4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000 to 10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00



Complete Kit Includes

- Three or four RL1855 HE stainless steel mounts with RL32218S-HE NTEP Certified hermetically sealed stainless steel load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR load cell cable

Standard Features

- NTEP Certified load cells, 5,000 d Class III multiple load cell
- All stainless steel construction
- Self-checking design with lift off/tip off protection

Applications

- Medium-capacity hoppers, bins and tanks
- Batching/blending

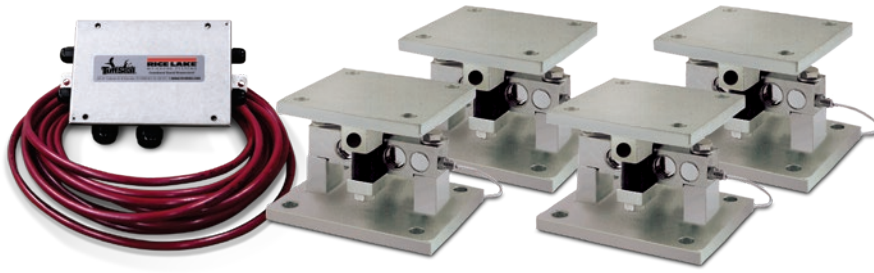
Load Cell Approvals



SURVIVOR RL2100 HE

Heavy-capacity Weigh Module Kits

LOAD CELLS /
WEIGH MODULES



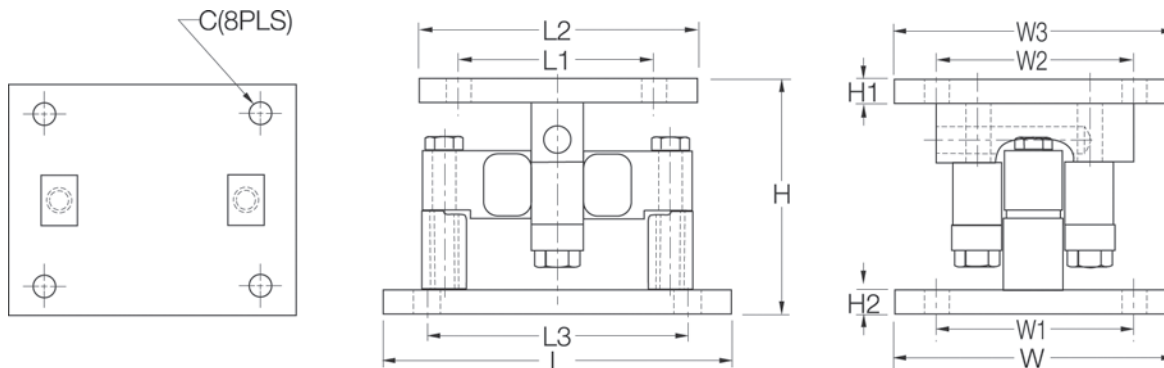
Picture is a representation of actual product.

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
20,000 lb	32951	\$1,822.00
25,000 lb	65541	\$1,785.00
35,000 lb	32952	\$2,860.00
50,000 lb	32953	\$2,860.00
60,000 lb	32954	\$2,860.00
75,000 lb	32955	\$2,860.00
100,000 lb	32956	\$4,895.00
3-Module Kit		
20,000 lb	32970	\$5,608.00
25,000 lb	65984	\$5,608.00
35,000 lb	32969	\$8,861.00
50,000 lb	32968	\$8,861.00
60,000 lb	32967	\$8,861.00
75,000 lb	32966	\$8,861.00
100,000 lb	32965	\$14,583.00
4-Module Kit		
20,000 lb	32964	\$7,404.00
25,000 lb	65983	\$7,404.00
35,000 lb	32963	\$11,382.00
50,000 lb	32962	\$11,382.00
60,000 lb	32961	\$11,382.00
75,000 lb	32960	\$11,382.00
100,000 lb	32959	\$19,362.00

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	W	W1	W2	W3
lb/in												
20,000 to 25,000	0.78	6.85	0.75	0.75	10.00	6.00	8.00	7.50	8.00	6.00	6.00	8.00
35,000 to 100,000	1.13	9.42	1.00	1.00	14.00	6.50	9.00	11.50	10.00	7.50	6.50	9.00



Complete Kit Includes

- Three or four RL2100 HE stainless steel compression mounts with NTEP Certified RL75060S or RL75058S-LP stainless steel, welded seal double-ended beam load cells
- One JB4SS NEMA Type 4X stainless steel signal-trim junction box
- 25 ft of our hostile environment EL147HE SURVIVOR load cell cable

Standard Features

- NTEP Certified load cells, 5,000 d, Class III/10,000 d, Class III multiple cell
- All stainless steel construction
- Bolt-in-place design; module bolts directly to tank leg without requiring additional load buttons or mounting plates
- Self-checking design with lift-off/tip-over protection

Applications

- Heavy-capacity tanks, blenders, reactors and bulk inventory management
- Petroleum refining process control
- Blending/batching

Load Cell Approvals





Complete Kit Includes

- Three or four ITCM assemblies with RL20000I NTEP Certified S-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 100 to 20,000 lb
- Clevis mounts with nylon insulating washers
- Zinc-plated clevis assemblies
- Load cell is completely isolated from stray currents (except 20,000 lb)
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

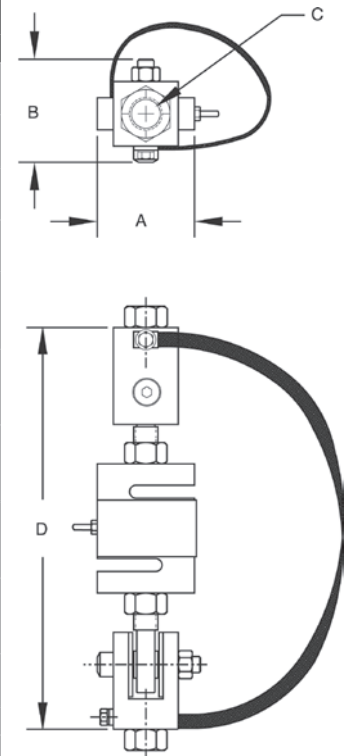
Picture is a representation of actual product.

Load Cell Approvals



Load Rating Dimensions Per Module

Load Cell Capacity lb/in	A	B	C	D	Single Module	Price	3-Module Kit	Price	4-Module Kit	Price
100	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	17851 17831	\$566.00 \$566.00	18003 18004	\$1,995.00 \$1,995.00	18027 18028	\$2,573.00 \$2,573.00
150	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	30337 30336	\$566.00 \$566.00	30357 30358	\$1,995.00 \$1,995.00	30359 30360	\$2,573.00 \$2,573.00
200	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	30335 30338	\$566.00 \$566.00	30361 30362	\$1,995.00 \$1,995.00	30363 30364	\$2,573.00 \$2,573.00
250	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	17852 17832	\$566.00 \$566.00	18005 18006	\$1,995.00 \$1,995.00	18029 18030	\$2,573.00 \$2,573.00
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17853 17858 17833	\$619.00 \$619.00 \$619.00	18007 18008 18009	\$2,138.00 \$2,138.00 \$2,138.00	18031 18032 18033	\$2,762.00 \$2,762.00 \$2,762.00
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17854 17859 17834	\$619.00 \$619.00 \$619.00	18010 18011 18012	\$2,138.00 \$2,138.00 \$2,138.00	18034 18035 18036	\$2,762.00 \$2,762.00 \$2,762.00
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17855 17860 17835	\$619.00 \$619.00 \$619.00	18013 18014 18015	\$2,138.00 \$2,138.00 \$2,138.00	18037 18038 18039	\$2,762.00 \$2,762.00 \$2,762.00
1,500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17856 17861 17836	\$619.00 \$609.00 \$609.00	18016 18017 18018	\$2,138.00 \$2,138.00 \$2,138.00	18040 18041 18042	\$2,762.00 \$2,762.00 \$2,762.00
2,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17857 17862 17837	\$609.00 \$619.00 \$619.00	18019 18020 18021	\$2,138.00 \$2,138.00 \$2,138.00	18043 18044 18045	\$2,762.00 \$2,762.00 \$2,762.00
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)	17863 17838	\$619.00 \$619.00	18022 18023	\$2,138.00 \$2,138.00	18046 18047	\$2,762.00 \$2,762.00
3,000	3.37	3.37	3/4-10 UNC	10.50 (ref)	30339	\$646.00	30365	\$2,229.00	30366	\$2,873.00
5,000	3.37	3.37	3/4-10 UNC 1-8 UNC	12.25 (ref)	17864 17839	\$842.00 \$842.00	18024 18025	\$2,773.00 \$2,773.00	18048 18049	\$3,657.00 \$3,657.00
10,000	3.37	3.37	1-8 UNC	12.25 (ref)	17840	\$842.00	18026	\$2,773.00	18050	\$3,657.00
15,000	4.00	4.12	1 1/4-7 UNC	18.00 (ref)	17960	\$1,756.00	30353	\$5,642.00	30354	\$7,406.00
20,000	5.00	4.12	1 1/2-6 UNC	20.00 (ref)	17961	\$2,064.00	30355	\$5,642.00	30356	\$8,630.00



ITCM SS

Stainless Steel, Isolated Tension Cell Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



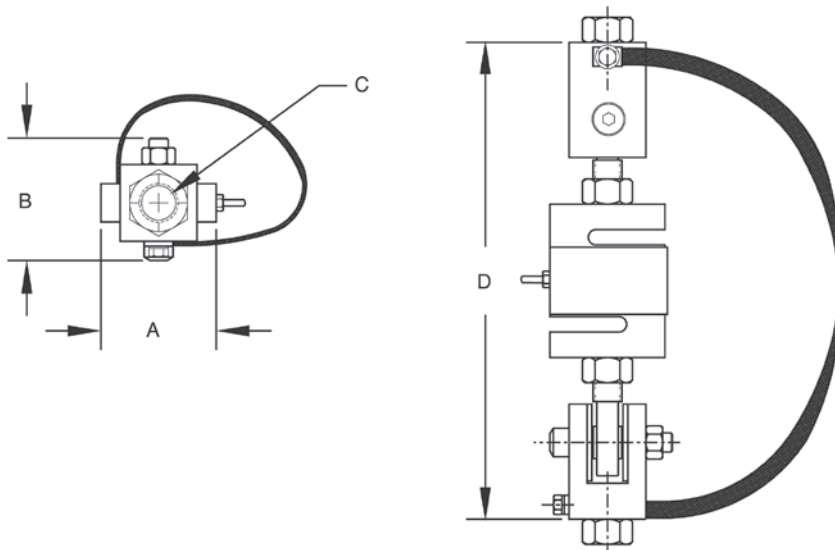
Picture is a representation of actual product.

Load Cell Approvals



Load Rating Dimensions Per Module

Load Cell Capacity	A	B	C	D	Single Module	Price	3-Module Kit	Price	4-Module Kit	Price
lb/in										
100	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	46765 46766	\$892.00 \$892.00	46735 46736	\$2,809.00 \$2,809.00	46751 46752	\$3,598.00 \$3,598.00
250	2.00	1.81	3/8-16 UNC 1/2-13 UNC	7.00 (ref)	46767 46768	\$892.00 \$892.00	46737 46738	\$2,809.00 \$2,809.00	46753 46754	\$3,598.00 \$3,598.00
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)	46769 46770	\$892.00 \$892.00	46739 46740	\$2,809.00 \$2,809.00	46755 46756	\$3,598.00 \$3,598.00
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)	46771 46772	\$892.00 \$892.00	46741 46742	\$2,809.00 \$2,809.00	46757 46758	\$3,598.00 \$3,598.00
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC	9.50 (ref)	46773 46774	\$892.00 \$892.00	46743 46744	\$2,809.00 \$2,809.00	46759 46760	\$3,598.00 \$3,598.00
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46775 46776	\$892.00 \$892.00	46745 46746	\$2,809.00 \$2,809.00	46761 46762	\$3,598.00 \$3,598.00
3,000	3.37	3.37	3/4-10 UNC	10.75 (ref)	46777	\$962.00	46747	\$3,105.00	46763	\$3,890.00
5,000	3.37	3.37	3/4-10 UNC	12.00 (ref)	46778	\$1,651.00	46748	\$5,103.00	46764	\$6,608.00



Complete Kit Includes

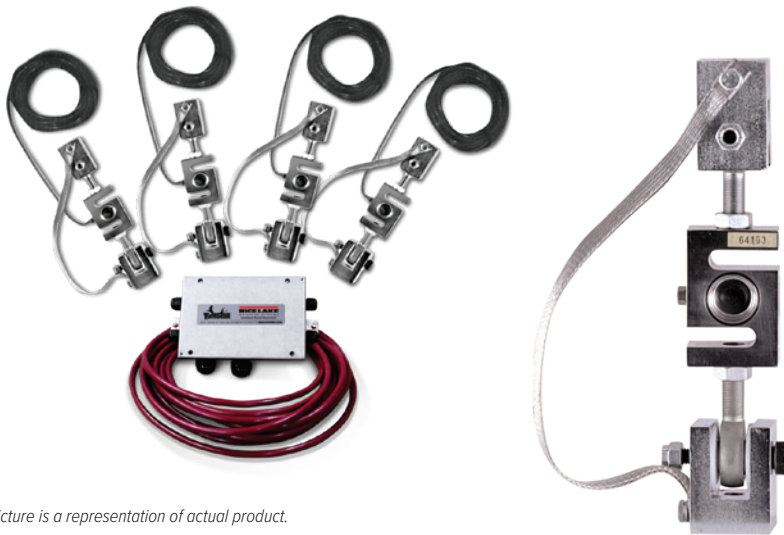
- Three or four ITCM assemblies with RL20000ST NTEP Certified S-beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 100 to 5,000 lb
- Clevis mounts with nylon insulating washers
- PTFE lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples



Picture is a representation of actual product.

Load Cell Approvals



Complete Kit Includes

- Three or four ITCM assemblies with RL20001HE NTEP Certified S-beam, stainless steel, welded-seal load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

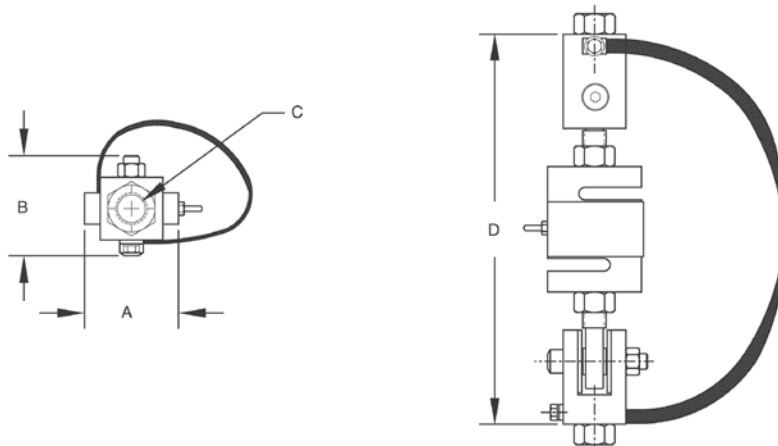
- Capacities (per module): 500 to 5,000 lb
- Clevis mounts with nylon insulating washers
- PTFE lined rod-end ball joints
- Load cell is completely isolated from stray currents
- Grounding strap provides alternative path to ground
- Complete package for ease of installation
- Provides correct loading even in difficult installations
- Lower overall height compared to other isolated tension assemblies

Applications

- Suspended hoppers and tanks
- Mechanical scale conversions
- Use as a single module or in multiples

Load Rating Dimensions Per Module

Load Cell Capacity lb/in	A	B	C	D	Single Module	Price	3-Module Kit	Price	4-Module Kit	Price
500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46599	\$1,618.00	46561	\$4,702.00	46580	\$6,269.00
750	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46600	\$1,618.00	46562	\$4,702.00	46581	\$6,269.00
1,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46601	\$1,618.00	46563	\$4,702.00	46582	\$6,269.00
1,500	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46602	\$1,618.00	46564	\$4,702.00	46583	\$6,269.00
2,000	2.68	2.68	1/2-13 UNC 5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46603	\$1,618.00	46565	\$4,702.00	46584	\$6,269.00
2,500	2.68	2.68	5/8-11 UNC 3/4-10 UNC	9.50 (ref)	46604	\$1,618.00	46566	\$4,702.00	46585	\$6,269.00
3,000	3.37	3.37	3/4-10 UNC	10.00 (ref)	46605	\$1,618.00	46567	\$4,702.00	46586	\$6,269.00
5,000	3.37	3.37	3/4-10 UNC	12.62 (ref)	46606	\$1,618.00	46568	\$4,702.00	46587	\$6,269.00
					46607	\$1,618.00	46569	\$4,702.00	46588	\$6,269.00
					46608	\$1,618.00	46570	\$4,702.00	46589	\$6,269.00
					46609	\$1,618.00	46571	\$4,702.00	46590	\$6,269.00
					46610	\$1,618.00	46572	\$4,702.00	46591	\$6,269.00
					46611	\$1,618.00	46573	\$4,702.00	46592	\$6,269.00
					46612	\$1,618.00	46574	\$4,702.00	46593	\$6,269.00
					46613	\$1,618.00	46575	\$4,702.00	46594	\$6,269.00
					46614	\$1,618.00	46576	\$4,702.00	46595	\$6,269.00
					46615	\$1,618.00	46577	\$4,702.00	46596	\$6,269.00
					46616	\$1,618.00	46578	\$4,702.00	46597	\$6,269.00
					46617	\$2,399.00	46579	\$7,042.00	46598	\$9,338.00



RL50225TA

Mild Steel, Mini Tank Weigh Module Kit

LOAD CELLS /
WEIGH MODULES

NEW



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
50 lb	232143	\$470.00
100 lb	232142	\$470.00
150 lb	232144	\$470.00
250 lb	232145	\$470.00
3-Module Kit		
50 lb	232147	\$1,645.00
100 lb	232149	\$1,645.00
150 lb	232151	\$1,645.00
250 lb	232153	\$1,645.00
4-Module Kit		
50 lb	232148	\$2,115.00
100 lb	232150	\$2,115.00
150 lb	232152	\$2,115.00
250 lb	232154	\$2,115.00

Complete Kit Includes

- Three or four neoprene isolation/compression mounts with load cells
50 to 250 lb mild steel: RL50225
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

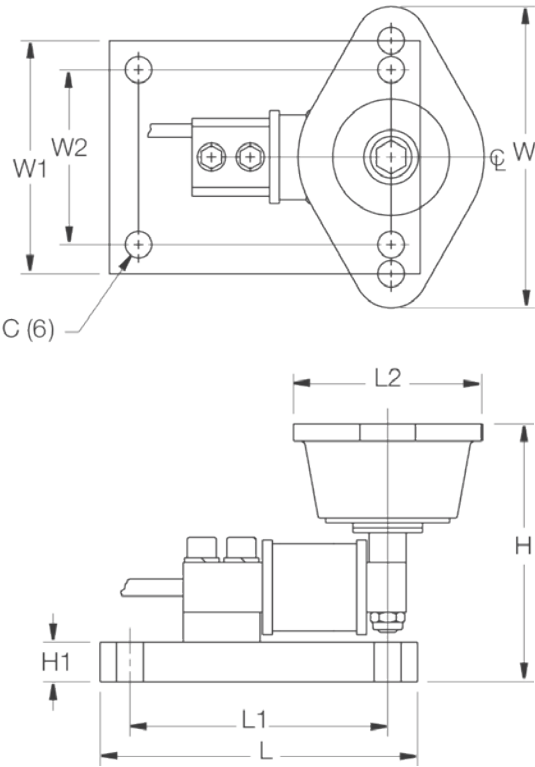
- Zinc plated mild steel assemblies
- Weighing ranges from 50 to 250 lb per module
- Neoprene isolation mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may occur

Dimensions

Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/in											
50 to 250	0.34	-	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	-

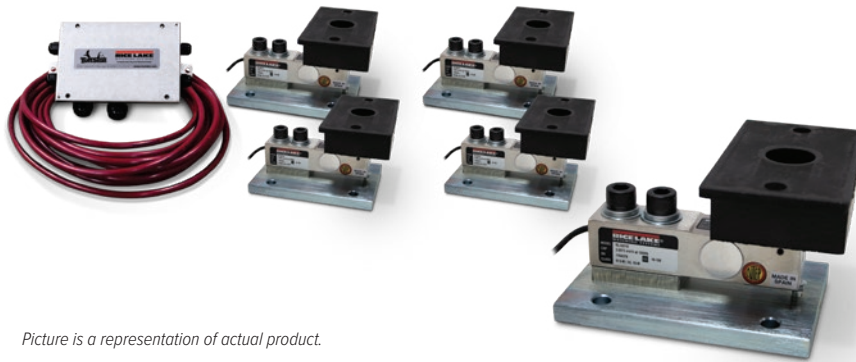


RL50210TA

Mild Steel/Stainless Steel, Mini Tank Weigh Module Kit



RL50210TA mild steel (50lb-250lb)



Picture is a representation of actual product.

Load Cell Approvals



NTEP Certified 1,000lb mild steel load cell shown.

Complete Kit Includes

- Three or four neoprene isolation/compression mounts with load cells
50 to 250 lb mild steel: RL50210
500 lb mild steel: RL30000, RL50210 or RL50225
1,000 to 2,500 lb mild steel: RL32018
500 lb stainless steel: RL39123 or equivalent
1,000 to 2,500 lb stainless steel: RL32018S
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- NTEP Certified load cells (1,000 lb, 2,000 lb and 2,500 lb only)
- Zinc plated mild steel or stainless steel assemblies
- Weighing ranges from 50 to 2,500 lb per module
- Neoprene isolation mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may occur

Optional Features

- Stainless steel modules available in 500 lb capacities with RL39123 stainless steel load cells

Order Information

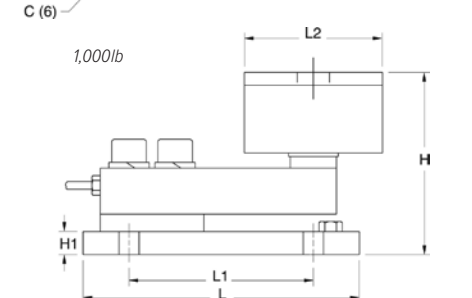
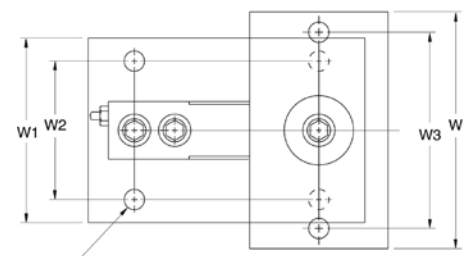
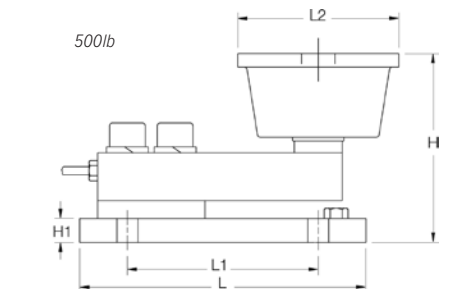
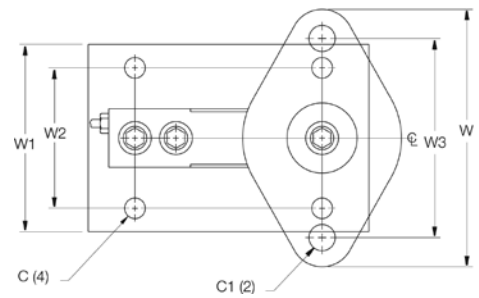
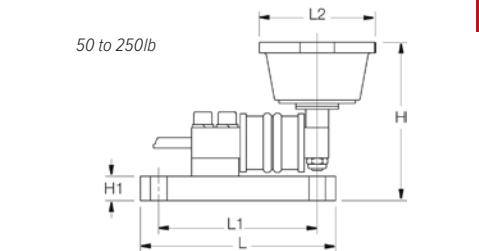
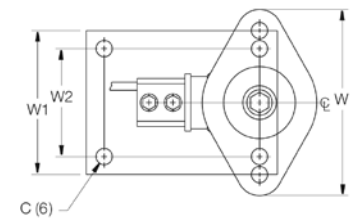
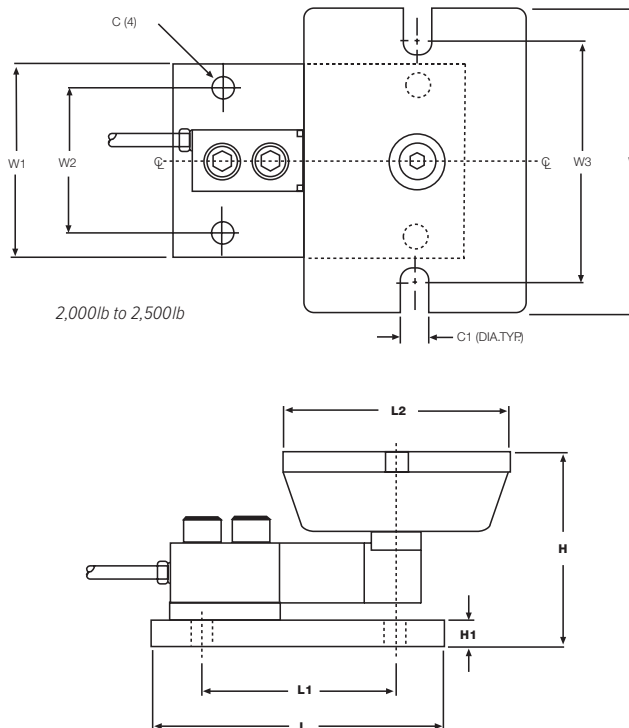
Load Rating (Per Module)	Part #	Price
Non-NTEP Certified Mild Steel Single Module (Includes Load Cell)		
50 lb	17844	\$470.00
100 lb	17845	\$470.00
150 lb	17846	\$470.00
250 lb	17847	\$470.00
500 lb	17848	\$625.00
NTEP Certified Mild Steel Single Module (Includes Load Cell)		
1,000 lb	17849	\$625.00
2,000 lb	17948	\$625.00
2,500 lb	17949	\$625.00
Non-NTEP Certified Mild Steel 3-Module Kit		
50 lb	18051	\$1,645.00
100 lb	18052	\$1,645.00
150 lb	18053	\$1,645.00
250 lb	18054	\$1,645.00
500 lb	18055	\$2,135.00
NTEP Certified Mild Steel 3-Module Kit		
1,000 lb	18056	\$2,135.00
2,000 lb	30398	\$2,135.00
2,500 lb	30396	\$2,135.00
Non-NTEP Certified Mild Steel 4-Module Kit		
50 lb	18057	\$2,115.00
100 lb	18058	\$2,115.00
150 lb	18059	\$2,115.00
250 lb	18060	\$2,115.00
500 lb	18061	\$2,700.00

Order Information

Load Rating (Per Module)	Part #	Price
NTEP Certified Mild Steel 4- Module Kit		
1,000 lb	18062	\$2,700.00
2,000 lb	30397	\$2,700.00
2,500 lb	30395	\$2,700.00
Stainless Steel Single Module (Includes Load Cell)		
500 lb	17954	\$735.00
1,000 lb	17955	\$695.00
2,000 lb	17956	\$695.00
2,500 lb	17957	\$695.00
Stainless Steel 3-Module Kit		
500 lb	30394	\$2,380.00
1,000 lb	30404	\$2,380.00
2,000 lb	30402	\$2,380.00
2,500 lb	30400	\$2,380.00
Stainless Steel 4-Module Kit		
500 lb	30393	\$3,075.00
1,000 lb	30403	\$3,075.00
2,000 lb	30401	\$3,075.00
2,500 lb	30399	\$3,075.00

Dimensions

Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/in											
50 to 250	0.34	-	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	-
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13
1,000	0.44	-	4.00	0.50	6.00	4.00	3.00	5.13	4.00	3.00	4.13
2,000 to 2,500	0.44	0.56	4.00	0.50	6.00	4.00	4.62	6.25	4.00	3.00	5.00



65059

Mild Steel/Stainless Steel, Mini Tank Weigh Module Kit, VPG® Sensortronics®

LOAD CELLS /
WEIGH MODULES



NTEP Certified 1,000lb load cell shown.

65059 mild steel (50lb to 250lb)

Picture is a representation of actual product.

Load Cell Approvals



1,000 to
2,500 lb

Complete Kit Includes

- Three or four neoprene isolation/compression mounts with load cells. (1,000 to 2,500 lb are NTEP Certified)
 - 50 to 250 lb mild steel: 60040
 - 500 lb mild steel: 65023-500-0107
 - 1,000 to 2,500 lb mild steel: 65023A1K-5107
 - 500 lb stainless steel: 65023-500-0113
 - 1,000 to 2,500 lb stainless steel: 65023S1K-5113
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Zinc plated, mild steel modules
- Lower weighing ranges from 50 to 500 lb per module
- Environmentally protected load cells
- 1,000 to 2,500 lb capacities are NTEP Certified
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop for 500 lb modules provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may occur

Order Information

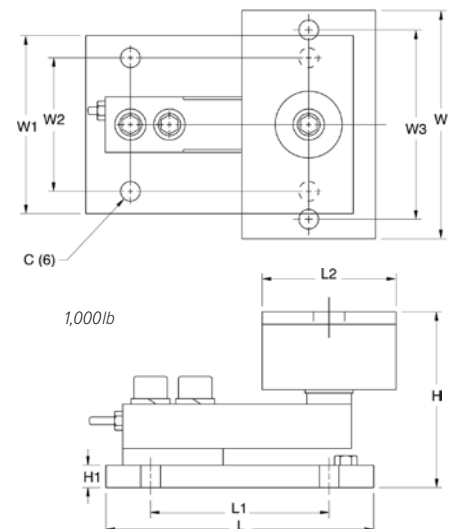
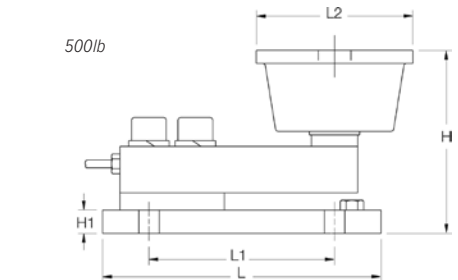
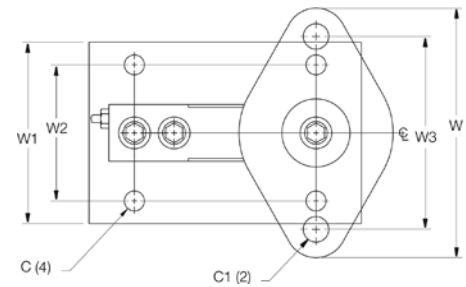
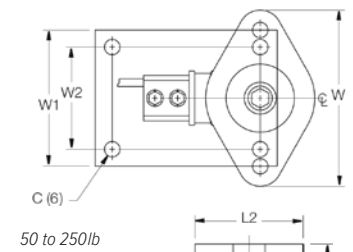
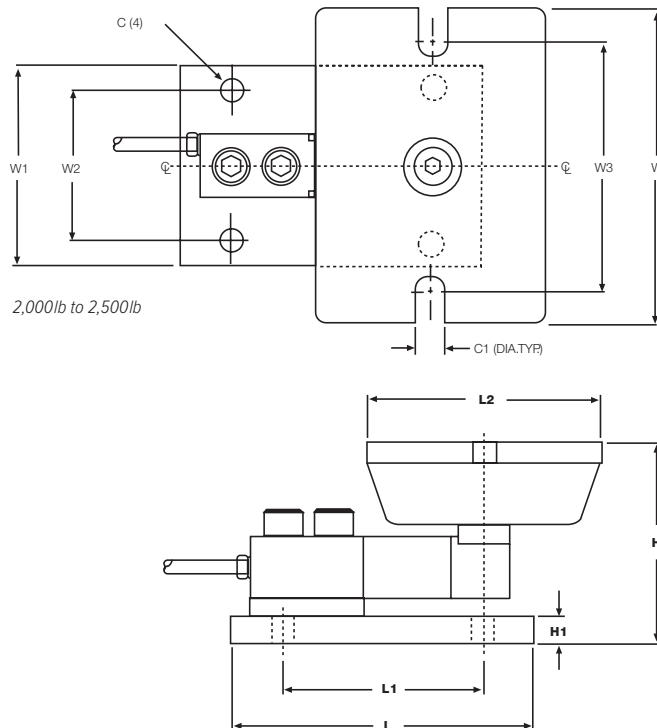
Load Rating (Per Module)	Part #	Price
Mild Steel Single Module (Includes Load Cell)		
50 lb	17825	\$470.00
100 lb	17826	\$470.00
150 lb	17827	\$470.00
250 lb	17828	\$470.00
500 lb	17829	\$625.00
1,000 lb	17830	\$625.00
2,000 lb	17946	\$625.00
2,500 lb	17947	\$625.00
Mild Steel 3-Module Kit		
50 lb	18063	\$1,645.00
100 lb	18064	\$1,645.00
150 lb	18065	\$1,645.00
250 lb	18066	\$1,645.00
500 lb	18067	\$2,135.00
1,000 lb	18068	\$2,135.00
2,000 lb	30413	\$2,088.00
2,500 lb	30412	\$2,135.00
Mild Steel 4-Module Kit		
50 lb	18069	\$2,115.00
100 lb	18070	\$2,115.00
150 lb	18071	\$2,115.00
250 lb	18072	\$2,115.00
500 lb	18073	\$2,700.00
1,000 lb	18074	\$2,645.00
2,000 lb	30414	\$2,700.00
2,500 lb	30411	\$2,700.00

Order Information

Load Rating (Per Module)	Part #	Price
Stainless Steel Single Module (Includes Load Cell)		
500 lb	17950	\$735.00
1,000 lb	17951	\$735.00
2,000 lb	17952	\$735.00
2,500 lb	17953	\$735.00
Stainless Steel 3-Module Kit		
500 lb	30392	\$2,435.00
1,000 lb	30410	\$2,435.00
2,000 lb	30408	\$2,435.00
2,500 lb	30406	\$2,435.00
Stainless Steel 4-Module Kit		
500 lb	30391	\$3,190.00
1,000 lb	30409	\$3,190.00
2,000 lb	30407	\$3,190.00
2,500 lb	30405	\$3,190.00

Dimensions

Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/in											
50 to 250	0.34	-	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	-
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13
1,000	0.44	-	4.00	0.50	6.00	4.00	3.00	5.13	4.00	3.00	4.13
2,000 to 2,500	0.44	0.56	4.00	0.50	6.00	4.00	4.62	6.25	4.00	3.00	5.00



RL50219SS-TA

Stainless Steel, Mini Tank Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



RL50219SS-TA (50lb-250lb)

Picture is a representation of actual product.

Complete Kit Includes

- Three or four neoprene isolation/compression mounts with load cells
50 to 250 lb model: RL50219SS
500 lb model: multiple stainless steel, single-ended beam modules available
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Stainless steel modules
- Lower weighing ranges from 50 to 500 lb per module
- Environmentally protected load cells
- Neoprene isolation/compression mounts allow for minor misalignment, thermal expansion and shock absorption
- Overload stop for 500 lb modules provides durability

Applications

- Small tanks and hoppers
- Conveyor/In-motion weighing
- Small platform scales where minor shock loading may occur

Order Information

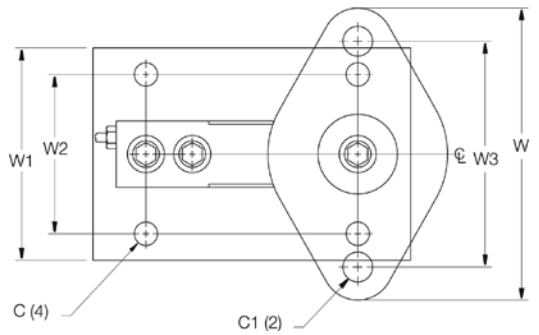
Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
50 lb	196829	\$710.00
75 lb	196830	\$710.00
100 lb	196831	\$710.00
150 lb	196832	\$710.00
250 lb	196833	\$710.00
500 lb	17954	\$735.00
3-Module Kit		
50 lb	196840	\$2,410.00
75 lb	196841	\$2,410.00
100 lb	196842	\$2,410.00
150 lb	196843	\$2,410.00
250 lb	196844	\$2,410.00
500 lb	30394	\$2,380.00
4-Module Kit		
50 lb	196845	\$3,115.00
75 lb	197015	\$3,115.00
100 lb	196846	\$3,115.00
150 lb	196848	\$3,115.00
250 lb	196849	\$3,115.00
500 lb	30393	\$3,075.00

RL50219SS-TA

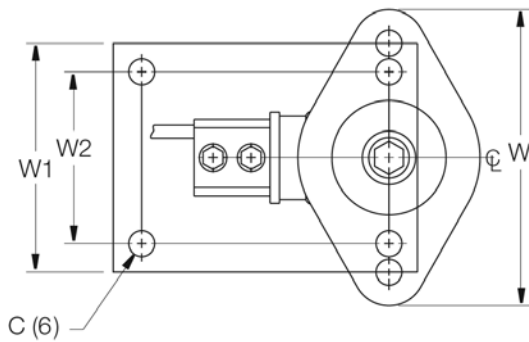
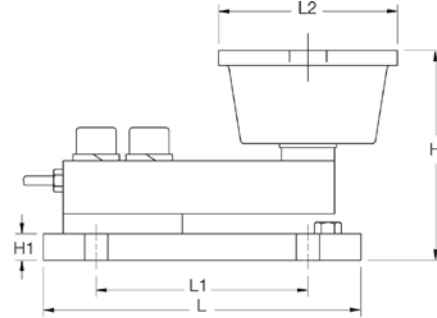
Stainless Steel, Mini Tank Weigh Module Kit

Dimensions

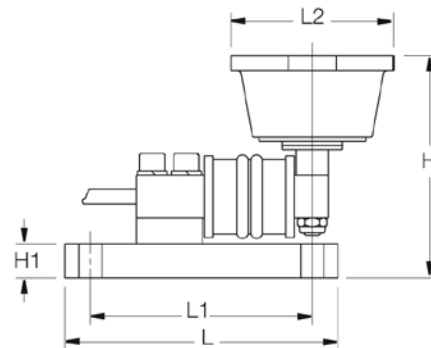
Rated Capacity	C	C1	H	H1	L	L1	L2	W	W1	W2	W3
lb/in											
50 to 250	0.34	-	3.13	0.50	4.00	3.25	2.38	3.88	3.00	2.25	-
500	0.44	0.56	3.88	0.50	6.00	4.00	3.38	5.50	4.00	3.00	4.13



500lb



50 to 250lb

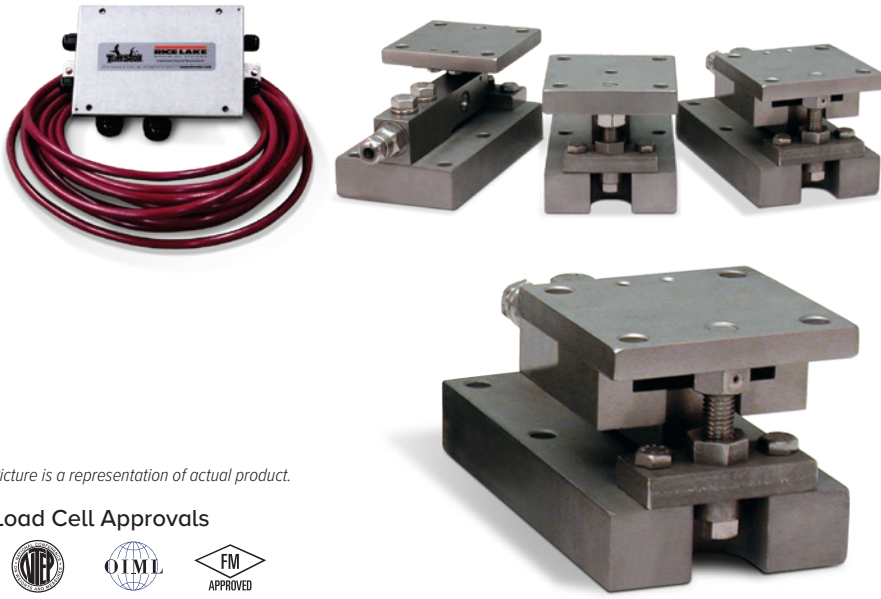


LOAD CELLS /
WEIGH MODULES

Paramounts® EP

Zinc Plated, Environmentally Protected, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
NTEP Certified 3-Module Kits		
5 kN	33683	\$2,665.00
10 kN	33682	\$2,665.00
20 kN	33681	\$2,665.00
50 kN	33680	\$3,055.00
NTEP Certified 4-Module Kits		
5 kN	33678	\$3,553.00
10 kN	33677	\$3,553.00
20 kN	33676	\$3,553.00
50 kN	33675	\$4,372.00
Non-NTEP Certified 3-Module Kit		
100 kN	33679	\$4,832.00
Non-NTEP Certified 4-Module Kit		
100 kN	33674	\$4,832.00

NOTE: 1 kN=224.8 lb

Complete Kit Includes

- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a NTEP Certified Flintec® SB5 stainless steel environmentally protected load cell.
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5 to 20 kN
- NTEP Certified 1:5000 d, Class II load cells
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE coated surfaces
- mV/V/ohm load cell outputs allow for replacement without further calibration

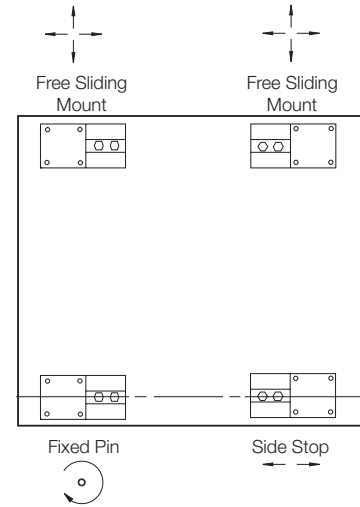
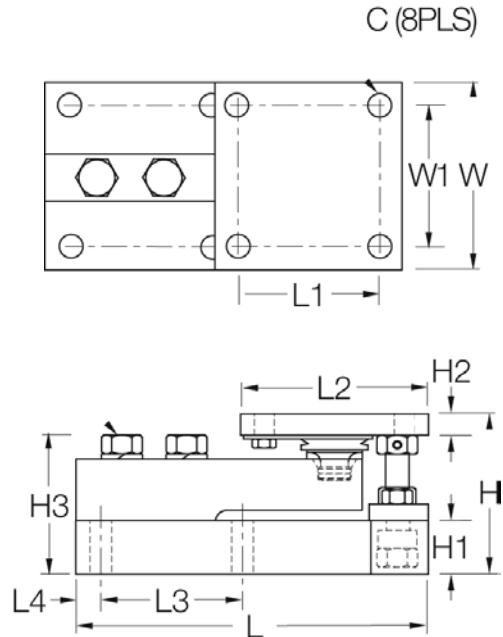
Applications

- Light- to medium-capacity tanks and hoppers
- Process measurement and control

Dimensions

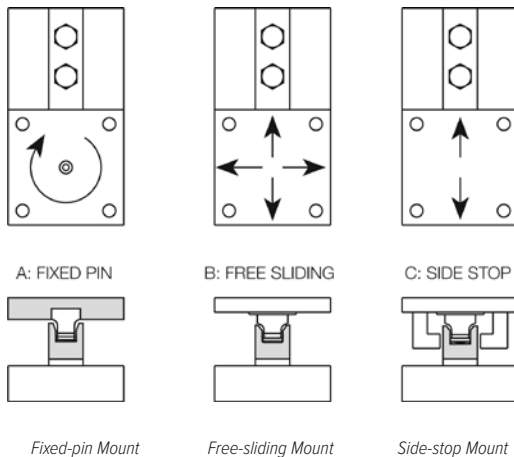
Rated Capacity	C	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1
kN/in													
5 to 20	0.44	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00
50	0.56	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87
100	0.69	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75

* Side-stop and free-sliding units ** Fixed-pin units



VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.



Paramounts® HS

Zinc Plated, Hermetically Sealed, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Available

Order Information

Load Rating (Per Module)	Part #	Price
NTEP Certified 3-Module Kit		
5 kN	29871	\$3,370.00
10 kN	29872	\$3,370.00
23 kN	29873	\$3,370.00
50 kN	29874	\$4,000.00
NTEP Certified 4-Module Kit		
5 kN	29875	\$4,535.00
10 kN	29876	\$4,535.00
23 kN	29877	\$4,535.00
50 kN	29878	\$5,135.00
Non-NTEP Certified 3-Module Kit		
5 kN	17977	\$3,265.00
10 kN	17978	\$3,265.00
23 kN	17979	\$3,265.00
50 kN	17980	\$3,962.00
100 kN	17981	\$5,090.00
Non-NTEP Certified 4-Module Kit		
5 kN	17984	\$4,282.00
10 kN	17985	\$4,282.00
23 kN	17986	\$4,282.00
50 kN	17987	\$4,875.00
100 kN	17988	\$6,160.00
Conduit Adapter Kit (must be factory installed to maintain warranty)		
1/2-14 NPT	17703	\$50.00

Complete Kit Includes

- One fixed-pin module, one side-stop module, and one or two free-sliding assemblies. Each module is complete with a Flintec® SB4 NTEP Certified, stainless steel, hermetically sealed load cell.
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5 to 100 kN
- Unique design allows for thermal expansion/contraction
- Jacking screw allows empty vessel to be lifted clear of load cell for maintenance
- Unique blind load hole eliminates unwanted side and eccentric loads
- Vessel is free to slide laterally on PTFE coated surfaces
- Load cell outputs are matched to $\pm 0.07\%$ allowing replacement without further calibration

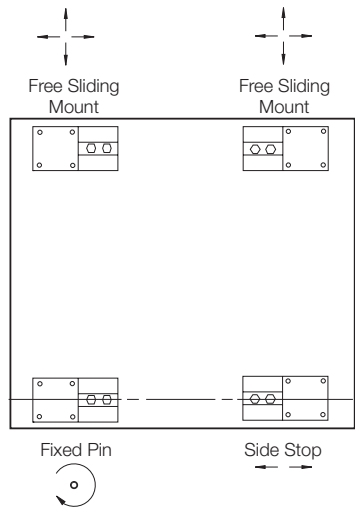
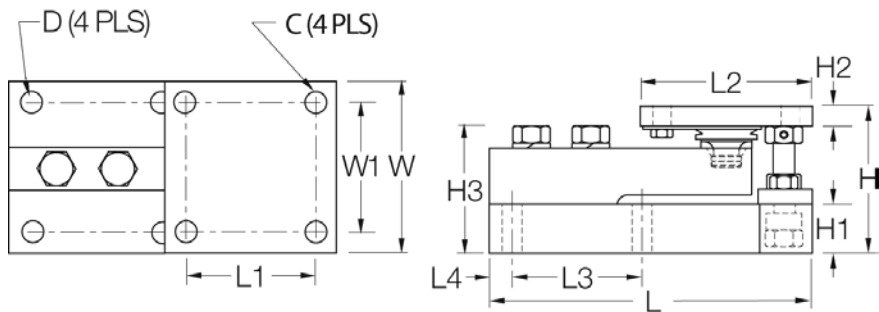
Applications

- Light- to medium-capacity tanks and hoppers
- Mixers and blenders
- Process measurement and control

Dimensions

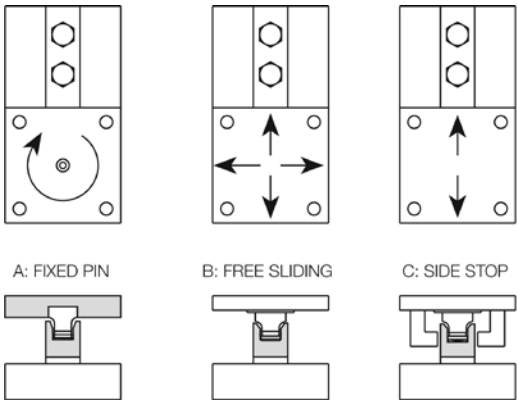
Rated Capacity kN/in	C	D	H	H1	*H2	**H2	H3	L	L1	L2	L3	L4	W	W1
5 to 23	0.44	0.44	3.58	1.25	0.50	0.75	3.06	7.51	3.00	4.00	3.00	0.50	4.00	3.00
50	0.56	0.56	4.66	1.50	0.62	1.00	4.09	9.19	3.87	5.00	3.87	0.56	5.00	3.87
100	0.69	0.69	6.41	2.00	0.75	1.25	5.73	11.46	4.75	6.00	4.75	0.69	6.00	4.75

* Side-stop and free-sliding units ** Fixed-pin units



VESSEL ARRANGEMENT

When arranged as illustrated, the vessel is fixed at one corner but is able to slide freely as indicated. This ensures there is minimal side loading on the cells and at the same time the vessel is self-checking. The unique, patented blind load hole technology used in these mounts introduces the load at the neutral axis of the load cell which helps minimize the effects of side loads.



Fixed-pin Mount

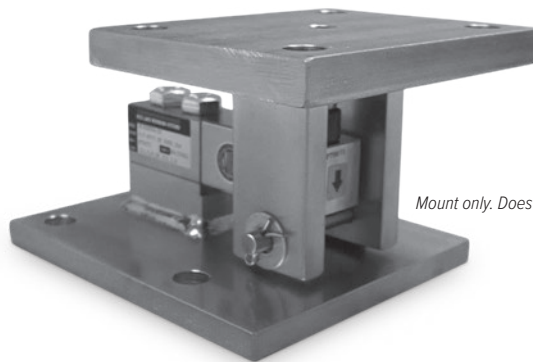
Free-sliding Mount

Side-stop Mount

RLBTM

Mild Steel/Stainless Steel, Weigh Module

LOAD CELLS /
WEIGH MODULES



Mount only. Does not include load cell

Picture is a representation of actual product.

Standard Features

- Capacities (per module): 250 to 5,000 lb SE
- Zinc plated, mild steel construction or stainless steel construction
- Self-checking, multi-directional movement
- Design incorporates a ball and cup for self-centering
- Will accommodate a standard shear beam 250 to 5,000 lb SE load cell that has a threaded load hole, such as the RL30000, RL39123, RL32018, RL32018S, RL32218S-HE

Applications

- Light- to medium-capacity tanks and hoppers
- Conveyors

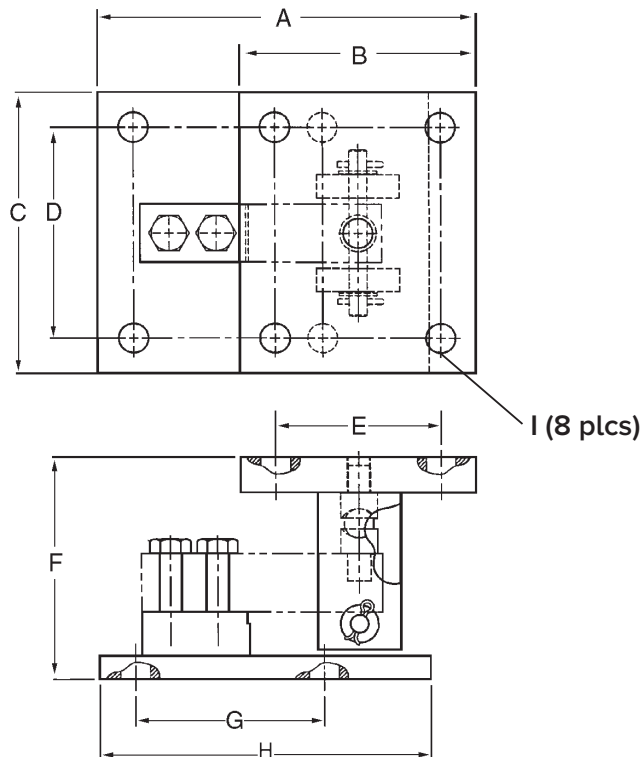
Order Information

Load Rating (Per Module)	Part #	Price
Single Module Mild Steel		
250 to 5,000 lb SE	53059	\$450.00
Single Module Stainless Steel		
250 to 5,000 lb SE	53066	\$675.00

Dimensions

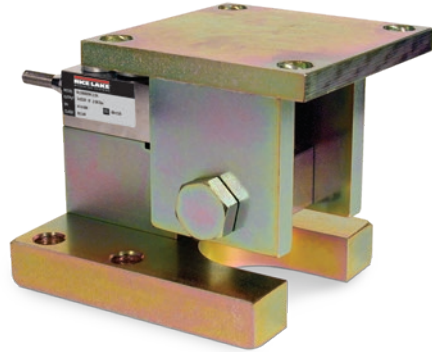
Rated Capacity	A	B	C	D	E	F	G	H	I
lb/in									
250 to 5,000 SE	8.00	5.00	6.00	4.50	3.50	4.75	4.00	7.00	0.63

SE=Small envelope



RL1800 Series

Mild Steel/Stainless Steel, Weigh Module Kit



Picture is a representation of actual product.

Load Cell Approvals



Except 250lb

Mild Steel Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
250 to 5,000 lb SE	17817	\$410.00
5,000 lb LE to 10,000 lb	17819	\$450.00
3-Module Kit		
250 lb*	18075	\$2,350.00
500 lb	18076	\$2,350.00
1,000 lb	18077	\$2,350.00
2,000 lb	18078	\$2,350.00
2,500 lb	18079	\$2,350.00
3,000 lb	18080	\$2,350.00
4,000 lb	18081	\$2,350.00
5,000 lb SE	18082	\$2,350.00
5,000 lb LE	18083	\$2,700.00
10,000 lb	18084	\$2,700.00
4-Module Kit		
250 lb*	18085	\$3,050.00
500 lb	18086	\$3,050.00
1,000 lb	18087	\$3,050.00
2,000 lb	18088	\$3,050.00
2,500 lb	18089	\$3,050.00
3,000 lb	18090	\$3,050.00
4,000 lb	18091	\$3,050.00
5,000 lb SE	18092	\$3,050.00
5,000 lb LE	18093	\$3,500.00
10,000 lb	18094	\$3,500.00

* Non-NTEP

Stainless Steel Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
250 to 4,000 lb	17818	\$650.00
5,000 to 10,000 lb	17820	\$695.00
3-Module Kit		
1,000 lb	18095	\$3,190.00
2,000 lb	18096	\$3,190.00
2,500 lb	18097	\$3,190.00
4,000 lb	18099	\$3,190.00
5,000 lb LE	18100	\$3,445.00
10,000 lb	18101	\$3,445.00
4-Module Kit		
1,000 lb	18102	\$4,250.00
2,000 lb	18103	\$4,250.00
2,500 lb	18104	\$4,250.00
4,000 lb	18106	\$4,250.00
5,000 lb LE	18107	\$4,595.00
10,000 lb	18108	\$4,595.00
Dummy Cell		
Dummy load cell 1 k to 5 k SE	22980	\$53.00

Complete Kit Includes

- Three or four RL1800 mild steel or stainless steel compression mounts with NTEP Certified RL32018 single-ended beam load cells, RL32018S used in stainless steel
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 250 to 10,000 lb
- NTEP Certified load cells in 500 to 10,000 lb capacities, except 3,000 lb
- Zinc plated mild steel/stainless steel construction
- Center-pivoted, tension loading design
- Self-checking, multi-directional movement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers for self centering

Applications

- Conveyors
- Medium-capacity tanks and hoppers
- Mixers and blenders
- Process measurement and control

LOAD CELLS /
WEIGH MODULES

RL1800 Series

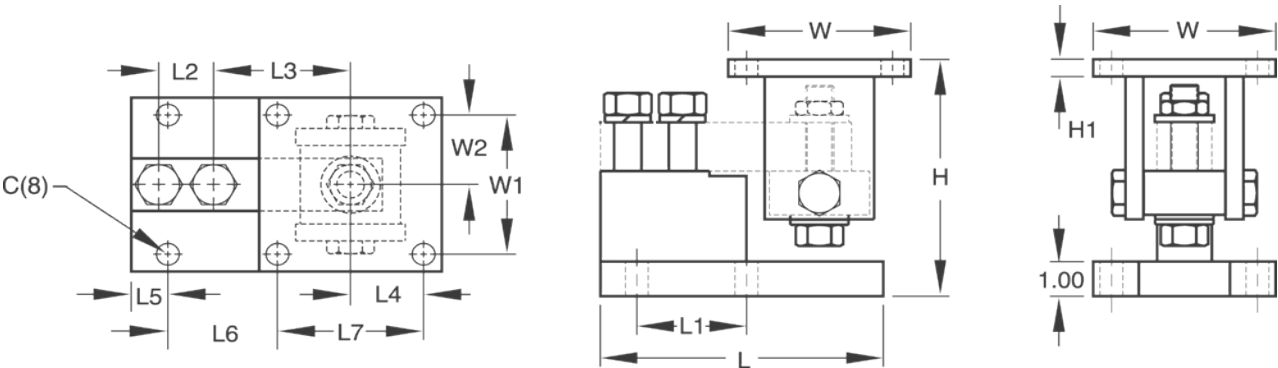
Mild Steel/Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES

Dimensions

Rated Capacity	C	H Min/Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
Mild Steel Construction														
lb/in														
250 to 5,000 SE	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000 LE to 10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00
Stainless Steel Construction														
lb/in														
1,000 to 4,000	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000 to 10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00

SE=Small envelope; LE=Large envelope



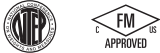
RL1800 Series with MLC Coated Load Cell

Stainless Steel, Weigh Module Kit



Picture is a representation of actual product.

Load Cell Approvals



Stainless Steel Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 to 5,000 SE lb	17818	\$650.00
5,000 LE to 10,000 lb	17820	\$695.00
3-Module Kit		
1,000 lb	219894	\$3,150.00
1,500 lb	219896	\$3,150.00
2,000 lb	219898	\$3,150.00
2,500 lb	219900	\$3,150.00
3,000 lb	219902	\$3,150.00
4,000 lb	219904	\$3,150.00
5,000 SE lb	219906	\$3,150.00
5,000 LE lb	219908	\$3,540.00
10,000 lb	219910	\$3,540.00
4-Module Kit		
1,000 lb	219895	\$4,140.00
1,500 lb	219897	\$4,140.00
2,000 lb	219899	\$4,140.00
2,500 lb	219901	\$4,140.00
3,000 lb	219903	\$4,140.00
4,000 lb	219905	\$4,140.00
5,000 SE lb	219907	\$4,140.00
5,000 LE lb	219909	\$4,650.00
10,000 lb	219911	\$4,650.00

Dimensions

Rated Capacity	C	H Min/Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
lb/in														
1,000 to 5,000 SE	0.62	5.25/5.56	0.50	6.00	2.00	1.00	3.00	2.00	0.68	1.94	4.00	5.00	4.00	2.00
5,000 LE to 10,000	0.62	6.12/6.62	0.50	7.75	3.00	1.50	3.75	2.00	1.03	2.97	4.00	5.00	4.00	2.00

SE=Small envelope; LE=Large envelope

Complete Kit Includes

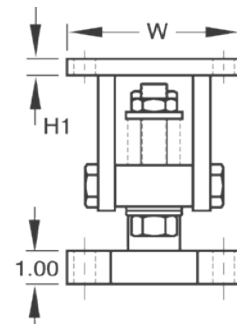
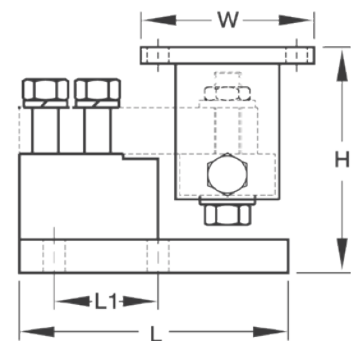
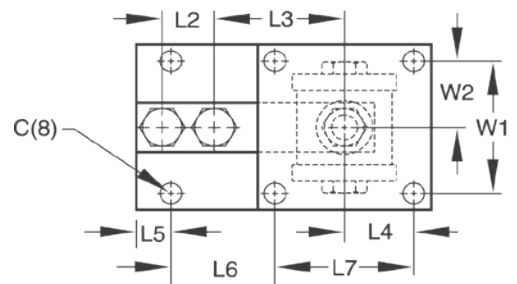
- Three or four RL1800 stainless steel compression mounts with MLC coated RL32018 NTEP Certified single-ended beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000 to 10,000 lb
- NTEP Certified load cells in 1,000 to 10,000 lb capacities
- Stainless steel mounts
- Center-pivoted, tension loading design
- Self-checking, multi-directional movement
- Load is suspended on high-strength bolt instead of wire rope
- Design incorporates spherical washers for self centering
- Coated load cells for corrosion protection

Applications

- Conveyors
- Medium-capacity tanks and hoppers



LOAD CELLS /
WEIGH MODULES

RL1900 Series

Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals

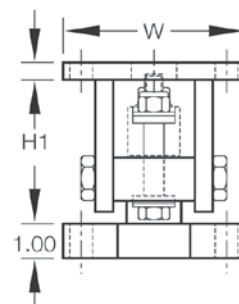
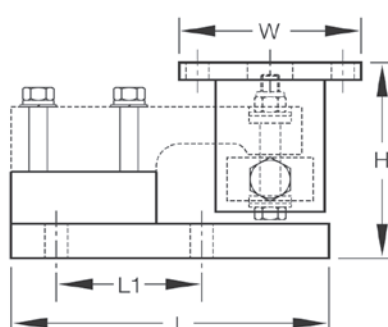
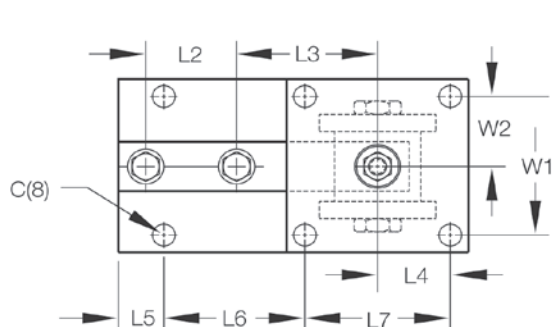


Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 to 5,000 lb	17841	\$715.00
10,000 lb	17843	\$775.00
3-Module Kit		
1,000 lb	18109	\$4,285.00
2,000 lb	18110	\$4,285.00
5,000 lb	18111	\$4,285.00
10,000 lb	18112	\$4,770.00
4-Module Kit		
1,000 lb	18113	\$5,710.00
2,000 lb	18114	\$5,710.00
5,000 lb	18115	\$5,710.00
10,000 lb	18116	\$5,710.00

Dimensions

Rated Capacity	C	H Min/ Max	H1	L	L1	L2	L3	L4	L5	L6	L7	W	W1	W2
lb/in														
1,000 to 5,000	0.62	5.38/5.62	0.50	8.75	4.00	2.50	3.88	2.00	1.12	4.00	4.00	5.00	4.00	2.00
10,000	0.81	6.88/7.50	1.00	9.75	5.00	2.63	4.88	2.25	1.00	5.00	4.50	6.00	4.50	2.25



Complete Kit Includes

- Three or four RL1900 stainless steel compression mounts with RLSSB NTEP Certified welded stainless steel single-ended beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000 to 10,000 lb
- NTEP Certified load cells, 1:5000 d, Class III single cell
- Stainless steel construction
- Mild steel top plate
- Low-profile design
- Center-pivoted, tension loading design
- Welded-seal stainless steel load cells, IP67
- Self-checking, multi-directional movement
- Easy load cell replacement
- Load is suspended on a high-strength bolt instead of wire rope
- Design incorporates spherical washers
- Compatible with VPG® Revere SSB load cells
- Stainless steel top plates optional

Applications

- Medium-capacity tanks, bins and hoppers
- Washdown or corrosive applications



Picture is a representation of actual product.

Load Cell Approvals

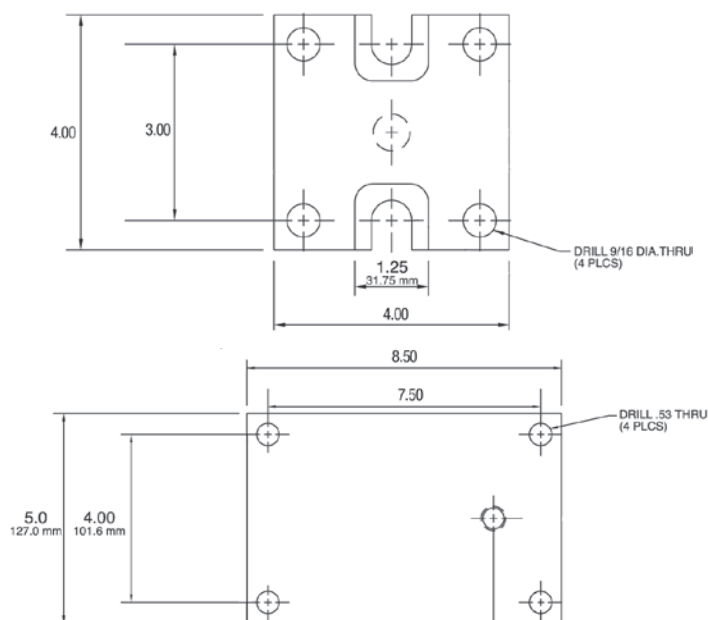
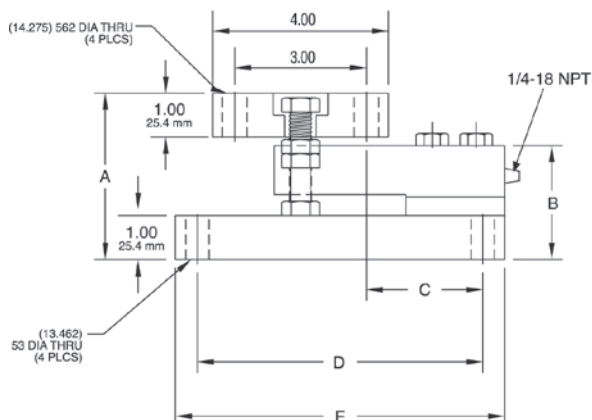


Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
500 lb	159288	\$1,085.00
1,250 lb	159289	\$1,085.00
2,500 lb	159290	\$1,085.00
5,000 lb	159291	\$1,310.00
10,000 lb	159292	\$1,310.00
3-Module Kit		
500 lb	162942	\$3,375.00
1,250 lb	162944	\$3,375.00
2,500 lb	162945	\$3,375.00
5,000 lb	162946	\$4,180.00
10,000 lb	162947	\$4,180.00
4-Module Kit		
500 lb	162948	\$4,465.00
1250 lb	162949	\$4,465.00
2500 lb	162950	\$4,465.00
5000 lb	162951	\$5,375.00
10,000 lb	162953	\$5,375.00

Dimensions

Rated Capacity	A	B	C	D	E
lb/in					
500 to 2,500	3.77	2.59	2.62	6.50	7.50
5,000	3.99	2.83	2.62	6.50	7.50
10,000	4.27	3.08	3.88	7.50	8.50



BASE PLATE

Complete Kit Includes

- Three or four Rice Lake RLTM stainless steel mounting assemblies with RL32018S-T NTEP Certified, welded-seal stainless steel load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module) 500 to 10,000 lb
- NTEP Certified load cells, 1:5,000 d, Class III multiple cell
- Stainless steel construction
- Overload and uplift protection
- Rocker pin loading
- Integral lateral stops

Applications

- Lower capacity tank and vessel weighing
- Process control and batching

RL9000TWM Series

Stainless Steel, Weigh Module Kit



Picture is a representation of actual product.

Load Cell Approvals



Complete Kit Includes

- Three or four stainless steel mounting assemblies with RL9000TWM compression disk load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000 to 450,000 lb
- Stainless steel construction
- Mild steel base plates (stainless steel available on some capacities)
- Low-profile design
- Self-centering
- Self-checking assembly
- Offers 100% side load, 100% uplift and 150% static safe load and 300% ultimate static overload protection
- Weighs accurately with up to 3° non-parallel load

Applications

- Tank, hopper or vessel weighing

Specifications

Full Scale Output:

3.0 ($\pm 0.1\%$) mV/V

Bridge Resistance:

350 ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
0 °F to 150 °F (-17 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

1,000 to 100,000 lb: 0.05% FS

150,000 to 450,000 lb: 0.1% FS

Insulation Resistance:

5,000 megohm

Non-repeatability:

1,000 to 100,000 lb: 0.02% full scale

150,000 to 450,000 lb: 0.03% full scale

Cable Length:

25 ft

Deflection at Capacity:

1,000 to 15,000 lb: 0.002 in

20,000 to 50,000 lb: 0.004 in

60,000 to 200,000 lb: 0.007 in

250,000 to 450,000 lb: 0.009 in

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

RL9000TWM Series

Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES

Order Information

Load Rating (Per Module)	Part #	Price
Single Module		
1,000 lb	84353	\$725.00
2,500 lb	84354	\$725.00
5,000 lb	84355	\$725.00
10,000 lb	84356	\$725.00
15,000 lb	84357	\$725.00
20,000 lb	84358	\$1,375.00
25,000 lb	84359	\$1,375.00
35,000 lb	84360	\$1,375.00
50,000 lb	84361	\$1,375.00
60,000 lb	84362	\$2,285.00
75,000 lb	84363	\$2,285.00
100,000 lb	84364	\$2,285.00
150,000 lb	84365	\$4,650.00
200,000 lb	84366	\$4,650.00
250,000 lb	84368	\$6,800.00
300,000 lb	84369	\$6,800.00
400,000 lb	84370	\$6,800.00
450,000 lb	84371	\$6,800.00
3-Module Kit		
1,000 lb	98974	\$2,400.00
2,500 lb	98980	\$2,400.00
5,000 lb	98981	\$2,400.00
10,000 lb	98982	\$2,400.00
15,000 lb	98983	\$2,400.00
20,000 lb	98984	\$4,350.00
25,000 lb	98985	\$4,350.00
35,000 lb	98986	\$4,350.00
50,000 lb	98987	\$4,350.00
60,000 lb	98988	\$7,005.00
75,000 lb	98989	\$7,005.00
100,000 lb	98990	\$7,005.00
150,000 lb	98991	\$14,085.00
200,000 lb	98992	\$14,085.00
250,000 lb	98993	\$20,565.00
300,000 lb	98994	\$20,565.00
400,000 lb	98995	\$20,565.00
450,000 lb	98996	\$20,465.00
4-Module Kit		
1,000 lb	98997	\$3,030.00
2,500 lb	98998	\$3,030.00
5,000 lb	98999	\$3,030.00
10,000 lb	99000	\$3,030.00
15,000 lb	99001	\$3,030.00
20,000 lb	99002	\$5,630.00
25,000 lb	99003	\$5,630.00
35,000 lb	99004	\$5,630.00
50,000 lb	99005	\$5,630.00
60,000 lb	99006	\$9,230.00
75,000 lb	99007	\$9,230.00
100,000 lb	99008	\$9,230.00
150,000 lb	99009	\$18,635.00
200,000 lb	99010	\$18,635.00
250,000 lb	99011	\$27,250.00
300,000 lb	99012	\$27,250.00
400,000 lb	99013	\$27,250.00
450,000 lb	99014	\$27,250.00

Load Rating (Per Module)	Part #	Price
Top Plates (Stainless Steel) with bolts		
1,000 to 15,000 lb	91207	\$135.00
20,000 to 50,000 lb	91210	\$295.00
60,000 to 100,000 lb	91211	\$485.00
150,000 to 200,000 lb	91213	\$740.00
250,000 to 450,000 lb	91215	\$1,725.00
Top Plates (Mild Steel) with bolts		
1,000 to 15,000 lb	124758	\$65.00
20,000 to 50,000 lb	125141	\$120.00
60,000 to 100,000 lb	124759	\$175.00
150,000 to 200,000 lb	124760	\$275.00
250,000 to 450,000 lb	124761	\$388.00
Dummy Weigh Modules (non-functioning)		
1,000 to 10,000 lb	158749	\$115.00
15,000 lb	158750	\$140.00
20,000 to 50,000 lb	158752	\$155.00
60,000 to 100,000 lb	158753	\$175.00
150,000 to 200,000 lb	158754	\$425.00
250,000 to 450,000 lb	158755	\$450.00

150,000 to 450,000lb have mild steel painted base plates

Order Information

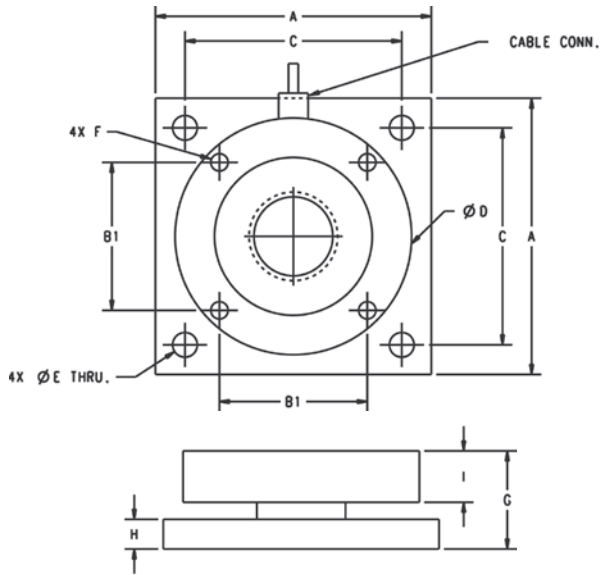
Capacity	Thickness	Material	Part #	Price
Shims				
1,000 to 15,000 lb	0.0625	SST	167001	\$6.00
1,000 to 15,000 lb	0.125	SST	167002	\$8.00
1,000 to 15,000 lb	0.250	SST	167003	\$11.00
1,000 to 15,000 lb	0.0625	MS	167004	\$2.50
1,000 to 15,000 lb	0.125	MS	167005	\$2.75
1,000 to 15,000 lb	0.250	MS	167006	\$3.25
20,000 to 50,000 lb	0.0625	SST	167008	\$15.00
20,000 to 50,000 lb	0.125	SST	167009	\$22.00
20,000 to 50,000 lb	0.250	SST	167010	\$34.00
20,000 to 50,000 lb	0.0625	MS	167011	\$9.00
20,000 to 50,000 lb	0.125	MS	167012	\$9.00
20,000 to 50,000 lb	0.250	MS	167013	\$10.00
60,000 to 100,000 lb	0.0625	SST	167014	\$24.00
60,000 to 100,000 lb	0.125	SST	167015	\$34.00
60,000 to 100,000 lb	0.250	SST	167016	\$53.00
150,000 to 200,000 lb	0.0625	SST	167020	\$32.00
150,000 to 200,000 lb	0.125	SST	167021	\$40.00
150,000 to 200,000 lb	0.250	SST	167022	\$65.00
250,000 to 450,000 lb	0.0625	SST	167026	\$40.00
250,000 to 450,000 lb	0.125	SST	167027	\$58.00
250,000 to 450,000 lb	0.250	SST	167028	\$75.00

Shims match dimensions of base plate and optional top plate

RL9000TWM Series

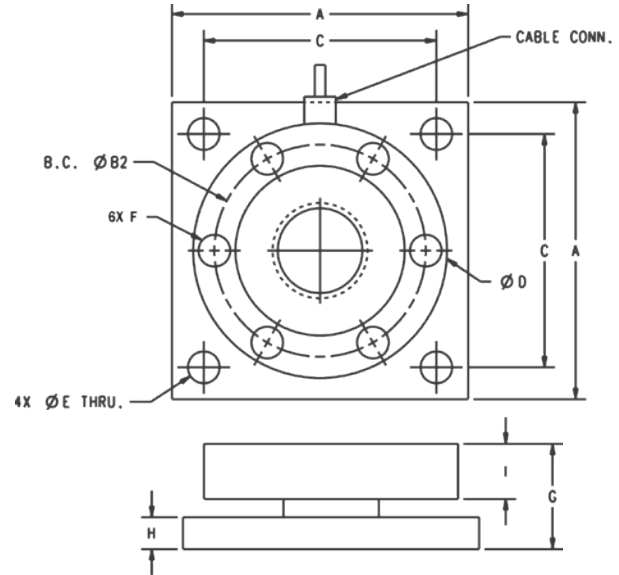
Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



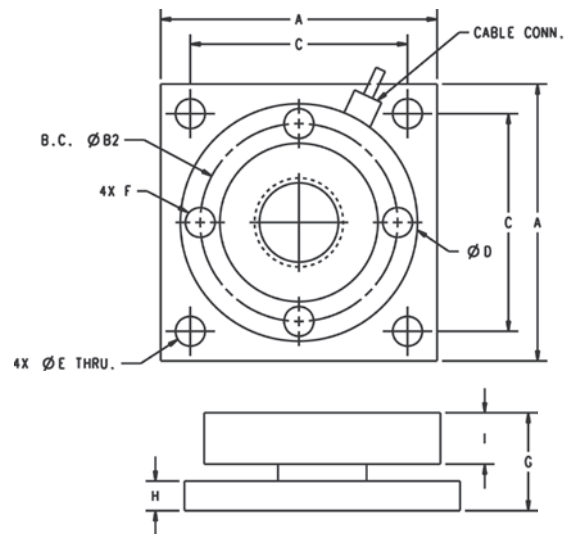
Dimensions

Rated Capacity	A	B1	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
1,000 to 10,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.35	0.375	0.75	-
15,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.60	0.625	0.75	-
20,000 to 50,000	7.00	3.75	5.50	6.00	0.63	1/2-13 UNC	2.48	0.75	1.30	1/2-14 NPT
60,000 to 100,000	8.00	4.25	6.50	7.00	0.81	3/4-16 UNC	2.50	1.00	1.30	1/2-14 NPT



Dimensions

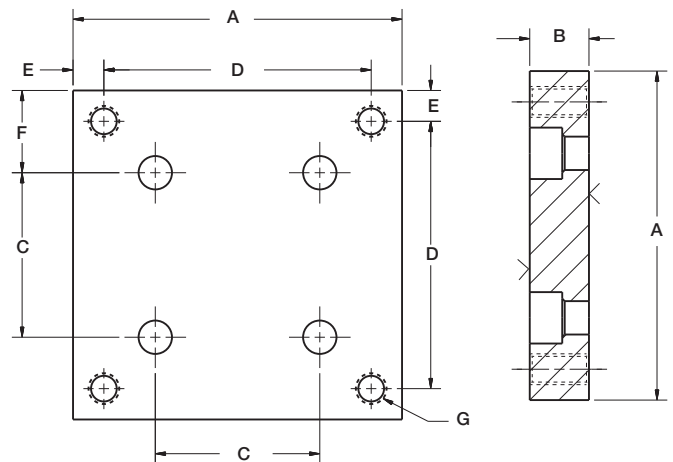
Rated Capacity	A	B2	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
250,000 to 450,000	11.00	7.75	9.00	9.00	1.30	7/8-14 UNF	6.42	3.00	2.25	1/2-14 NPT



Dimensions

Rated Capacity	A	B2	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
150,000 to 200,000	10.0	7.825	8.00	9.00	1.10	1-14 UNF	4.75	2.00	1.70	1/2-14 NPT

Optional Top Plates

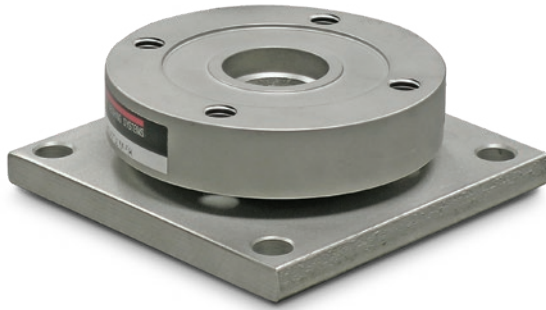


Dimensions

Rated Capacity	A	B	C	D	E	F	G
lb/in							
1,000 to 15,000	4.00	0.72	2.00	3.25	0.38	1.00	3/8-16 UNC
20,000 to 50,000	7.00	0.97	3.75	5.50	0.75	1.62	5/8-11 UNC
60,000 to 100,000	8.00	1.46	4.25	6.50	0.75	1.88	3/4-16 UNF
150,000 to 200,000	10.00	1.94	5.53	8.00	1.00	2.25	1-14 UNS
250,000 to 450,000	11.00	2.94	7.75 B.C.	9.00	1.00	1.00	1-1/4-12 UNF

RL9000TWM-HT

Stainless Steel, High Temperature, Weigh Module



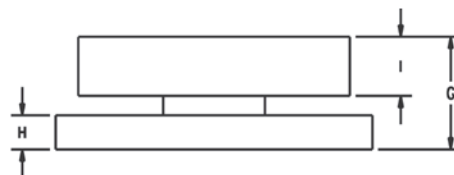
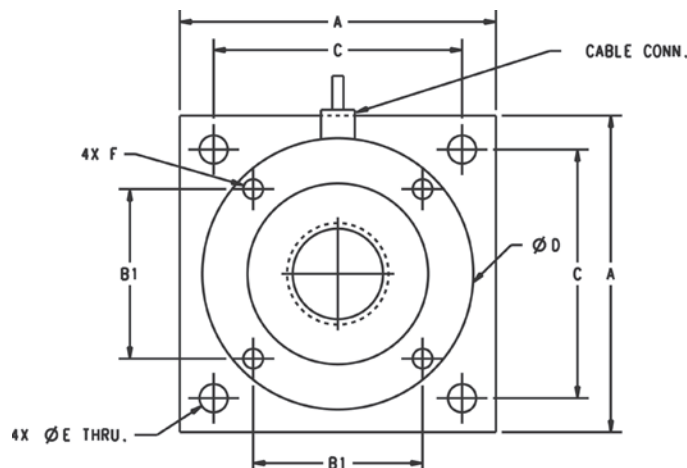
Picture is a representation of actual product.

Order Information

Load Rating (per module)	Part #	Price
Single Module		
1,000 lb	117050	\$1,300.00
2,500 lb	117051	\$1,300.00
5,000 lb	117052	\$1,300.00
10,000 lb	117140	\$1,285.00
15,000 lb	117053	\$1,300.00
20,000 lb	117054	\$2,075.00
25,000 lb	117055	\$2,075.00
35,000 lb	117056	\$2,075.00
50,000 lb	117057	\$2,075.00
Top Plates (Stainless Steel) with bolts		
1,000 to 15,000 lb	91207	\$135.00
20,000 to 50,000 lb	91210	\$295.00
Top Plates (Mild Steel) with bolts		
1,000 to 15,000 lb	124758	\$65.00
20,000 to 50,000 lb	125141	\$120.00

Dimensions

Rated Capacity	A	B1	C	D	E	F	G	H	I	Conduit Adapter
lb/in										
1,000 to 10,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.35	0.375	0.75	-
15,000	4.00	2.00	3.25	3.50	0.40	3/8-16 UNC	1.60	0.625	0.75	-
20,000 to 50,000	7.00	3.75	5.50	6.00	0.63	1/2-13 UNC	2.48	0.750	1.30	1/2-14NPT



Standard Features

- Capacities: 1,000 to 50,000 lb
- Stainless steel construction
- Low-profile design
- Self-centering
- Self-checking assembly
- Offers 100% side load, 100% uplift, 150% safe load and 300% ultimate overload protection
- Weighs accurately with up to 3° non-parallel load

Applications

- Tank, hopper, or vessel weighing
- High temperature applications

Optional Features

- Stainless steel top plates
- Higher capacities available upon request

Specifications

Full Scale Output:

3.0 (± 0.1%) mV/V

Bridge Resistance:

700 ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
0 °F to 400 °F (-17 °C to 204 °C)

Seal Type:

Welded seal, IP67

Safe Overload:

150% full scale

Nonlinearity:

0.01% full scale

Insulation Resistance:

5,000 megohm

Non-repeatability:

0.02% full scale

Deflection at Capacity:

1,000 to 15,000 lb: 0.002 in
20,000 to 50,000 lb: 0.004 in

Cable Length:

25 ft PTFE jacket

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:

Two-year limited

LOAD CELLS /
WEIGH MODULES

RL2200 Series

Mild Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Order Information

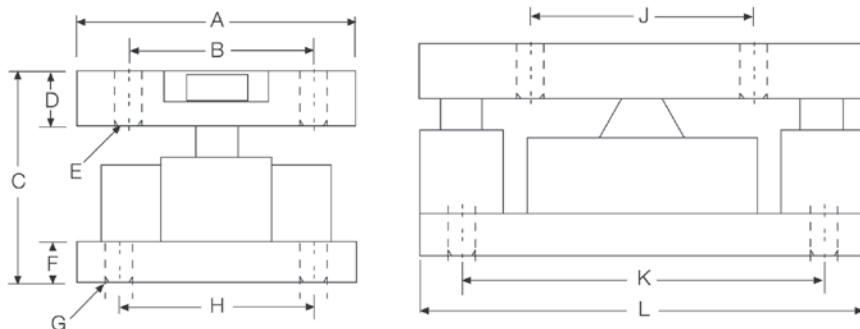
Load Rating (Per Module)	Part #	Price
Single Module		
2,500 lb	76656	\$3,235.00
5,000 lb	45849	\$3,235.00
10,000 lb	45848	\$3,235.00
25,000 lb	45847	\$4,275.00
50,000 lb	45846	\$4,275.00
3-Module Kit		
2,500 lb	76897	\$9,585.00
5,000 lb	42811	\$9,685.00
10,000 lb	42812	\$9,685.00
25,000 lb	42813	\$12,458.00
50,000 lb	42814	\$12,458.00
4-Module Kit		
2,500 lb	76898	\$12,850.00
5,000 lb	42815	\$12,850.00
10,000 lb	42816	\$12,850.00
25,000 lb	42817	\$15,499.00
50,000 lb	42818	\$15,499.00

Replacement Load Cell Order Information

Load Rating (Per Module)	Part #	Price
2,500 lb	76654	\$2,595.00
5,000 lb	45708	\$2,595.00
10,000 lb	45709	\$2,595.00
25,000 lb	45710	\$3,295.00
50,000 lb	45711	\$3,295.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
2,500 to 10,000	5.00	3.50	4.00	1.00	0.52	1.00	0.52	3.50	4.00	6.50	8.00
25,000 to 50,000	6.00	4.50	5.00	1.25	0.78	1.00	0.78	4.50	5.00	7.75	10.00



Complete Kit Includes

- Three or four RL2200 high-alloy, zinc-plated steel mounting assemblies with RL2200 compression disk load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 2,500 to 50,000 lb
- Low-profile design
- Self-centering in all directions, able to withstand excessive side loads
- Self-checking assembly

Applications

- Tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

Specifications

Full Scale Output:

4.0 mV/V
2.0 mV/V (2,500 lb)

Bridge Resistance:

350 ohm nominal

Material/Finish:

High-alloy steel, painted

Temperature:

Compensated:
15 °F to 115 °F (-9 °C to 46 °C)

Seal Type:

Environmentally sealed

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (20 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.03% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

30 ft

Cable Color Code:

Red +Excitation
Black -Excitation
White +Signal
Green -Signal

Warranty:

Two-year limited

RL2200SS Series

Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Complete Kit Includes

- Three or four RL2200 stainless steel mounting assemblies with RL2200SS stainless steel, hermetically sealed, compression disk load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Applications

- Medium- to heavy-capacity tank, hopper or vessel weighing
- Belt or roller conveyors
- Scale platforms and screw feeders

Specifications

Full Scale Output:

4.0 mV/V
2.0 mV/V (2,500 lb)

Bridge Resistance:

350 ohm nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:
15 °F to 115 °F (9 °C to 46 °C)

Seal Type:

Hermetically sealed, IP66/68

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (20 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.03% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

30 ft

Cable Color Code:

Red +Excitation
Black -Excitation
White +Signal
Green -Signal

Warranty:

Two-year limited

Order Information

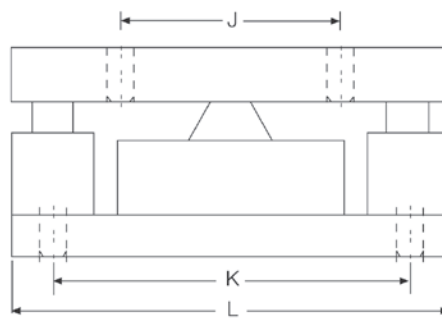
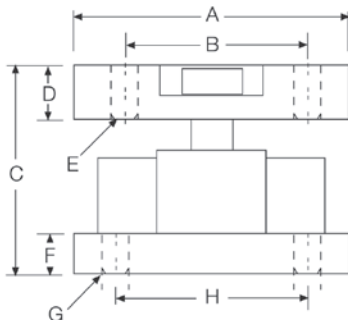
Load Rating (Per Module)	Part #	Price
Single Module		
2,500 lb	76657	\$4,195.00
5,000 lb	45845	\$4,195.00
10,000 lb	45844	\$4,195.00
25,000 lb	45843	\$5,810.00
50,000 lb	45842	\$5,810.00
3-Module Kit		
2,500 lb	76899	\$12,160.00
5,000 lb	46478	\$12,160.00
10,000 lb	46479	\$12,160.00
25,000 lb	46480	\$17,100.00
50,000 lb	46481	\$17,100.00
4-Module Kit		
2,500 lb	76900	\$16,125.00
5,000 lb	46482	\$16,125.00
10,000 lb	46483	\$16,125.00
25,000 lb	46484	\$22,410.00
50,000 lb	46485	\$22,410.00

Replacement Load Cell Order Information

Load Rating (Per Module)	Part #	Price
2,500 lb	76655	\$2,995.00
5,000 lb	45712	\$2,995.00
10,000 lb	45713	\$2,995.00
25,000 lb	45714	\$3,695.00
50,000 lb	45715	\$3,695.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
2,500 to 10,000	5.00	3.50	4.00	1.00	0.52	1.00	0.52	3.50	4.00	6.50	8.00
25,000 to 50,000	6.00	4.50	5.00	1.25	0.78	1.00	0.78	4.50	5.00	7.75	10.00



RLC

Stainless Steel, Weigh Module Kit, VPG® Reverse

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Includes Load Cell)		
0.5t	36401	\$1,198.00
1t	36402	\$1,198.00
2t	36403	\$1,383.00
5t	36405	\$1,383.00
3-Module Kit		
0.5t	36406	\$3,885.00
1t	36407	\$3,885.00
2t	36408	\$4,065.00
5t	36410	\$4,065.00
4-Module Kit		
0.5t	36411	\$5,083.00
1t	36412	\$5,083.00
2t	36413	\$5,422.00
5t	36415	\$5,422.00

Replacement Rocker Pin Set*

Load Rating (Per Module)	Part #	Price
0.5t to 1t	170875	\$132.00
2t to 5t	170876	\$132.00

*Kit includes upper cup, rocker pin and grease

Dimensions

Rated Capacity	H	H1	H2	L	L1	L2	T	W	W1	W2
ton/mm										
0.5 to 1	80.0	20.0	15.0	150.0	15.0	120.0	14.0 (top plate)	100.0	70.0	15.0
2 to 5	100.0	20.0	20.0	160.0	20.0	120.0	13.8 (bottom plate)	110.0	70.0	20.0

Complete Kit Includes

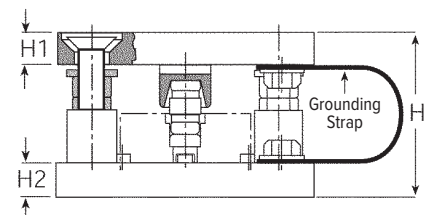
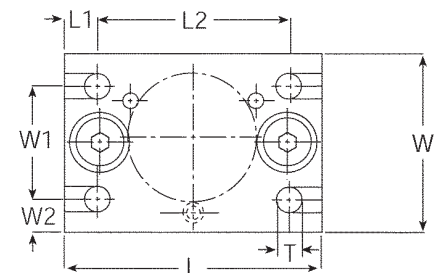
- Three or four RLC stainless steel compression mounts with RLC NTEP Certified stainless steel hermetically sealed compression disk load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 0.5 to 5 t
- mV/V/Ohm calibrated load cells eliminates the need for trimming
- Stainless steel construction
- Rocker pin design allows movement in all directions
- Easy load cell replacement
- Integral jacking/shipping bolts

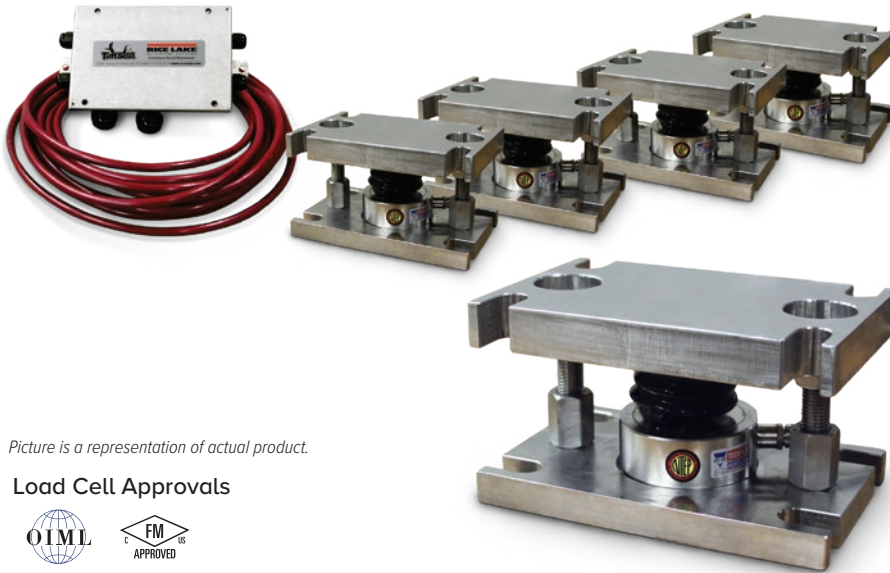
Applications

- Medium-capacity tanks, bins and hoppers
- Washdown or corrosive applications
- Process control and batch weighing



220 Universal Mount

Stainless Steel, Weigh Module Kit, VPG® Tedeo-Huntleigh®



Picture is a representation of actual product.

Load Cell Approvals



Complete Kit Includes

- Three or four 220 stainless steel compression mounts with 220 stainless steel hermetically sealed compression disk load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000 to 30,000 kg
- mV/V/ohm calibrated load cells eliminates the need for trimming
- Stainless steel construction
- Easy load cell replacement
- Integral jacking/shipping bolts

Applications

- Medium- to high-capacity tanks, bins and hoppers
- Washdown or corrosive applications
- Process control and batch weighing

LOAD CELLS /
WEIGH MODULES

Order Information

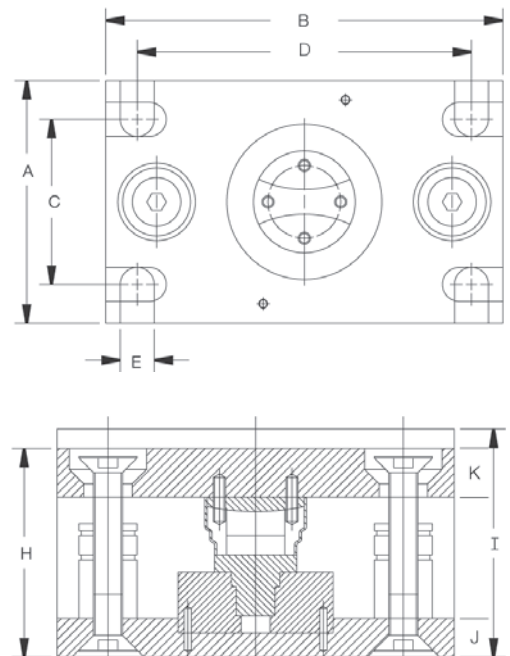
Load Rating (Per Module)	Part #	Price
3-Module Kit (Includes Load Cell)		
5,000 kg	66208	\$7,555.00
10,000 kg	66209	\$7,555.00
20,000 kg	66210	\$9,000.00
30,000 kg	66211	\$9,000.00
4-Module Kit (Includes Load Cell)		
5,000 kg	66212	\$9,969.00
10,000 kg	66213	\$9,969.00
20,000 kg	66214	\$12,072.00
30,000 kg	66215	\$12,072.00

Replacement Mount Parts

Load Rating (Per Module)	Part #	Price
Saddle 5,000 to 10,000 kg	227786	\$95.00
Rolling cylinder 5,000 to 10,000 kg	170882	\$111.00
Load adapter 5,000 kg	170880	\$117.00
Load adapter 10,000 kg	170881	\$165.00
Rubber boot 5,000 to 10,000 kg	171211	\$37.00
Saddle 20,000 to 30,000 kg	170884	\$127.00
Rolling cylinder 5,000 to 10,000 kg	170885	\$58.00
Load adapter 5,000 to 10,000 kg	170883	\$111.00
Rubber boot 5,000 to 10,000 kg	171212	\$32.00

Dimensions

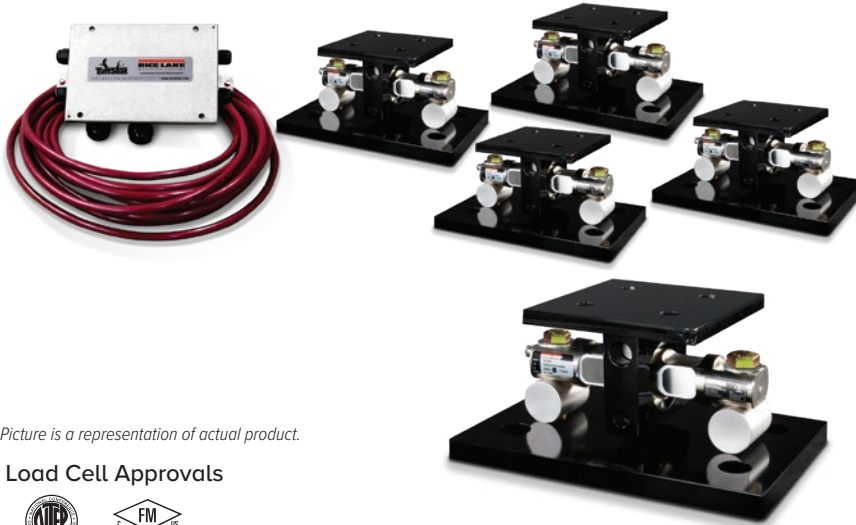
Rated Capacity	A	B	C	D	E	H	I	J	K
kg/mm									
5,000 to 10,000	127.0	203.0	90.0	170.0	18.0	107.0	Load Cell Replacement Height: 118.0 Operating Height: 107.0	19.1	25.4
20,000 to 30,000	152.0	245.0	115.0	208.0	24.0	148.0	Load Cell Replacement Height: 156.0 Operating Height: 148.1	31.8	25.4



EZ Mount 1 with RL72020

Mild Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 to 20,000 lb	17823	\$360.00
30,000 to 60,000 lb	17824	\$975.00
100,000 lb	17850	\$1,340.00
150,000 lb	29012	\$1,340.00
200,000 to 250,000 lb	26068	\$3,060.00
3-Module Kit		
5,000 lb	208881	\$3,310.00
10,000 lb	208882	\$3,310.00
20,000 lb	208883	\$3,310.00
30,000 lb	208884	\$5,350.00
40,000 lb	208885	\$5,350.00
50,000 lb	208886	\$5,350.00
60,000 lb	208887	\$5,350.00
100,000 lb	208888	\$8,620.00
150,000 lb	208889	\$8,620.00
4-Module Kit		
5,000 lb	208892	\$4,300.00
10,000 lb	208893	\$4,300.00
20,000 lb	208894	\$4,300.00
30,000 lb	208895	\$6,765.00
40,000 lb	208896	\$6,765.00
50,000 lb	208897	\$6,765.00
60,000 lb	208898	\$6,765.00
100,000 lb	208899	\$11,205.00
150,000 lb	208900	\$11,205.00

VPG Revere 5103

Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
5,000 lb	18175	\$3,420.00
10,000 lb	18176	\$3,420.00
20,000 lb	18177	\$3,420.00
30,000 lb	32169	\$5,465.00
40,000 lb	32171	\$5,465.00
50,000 lb	18178	\$5,625.00
60,000 lb	18179	\$5,625.00
100,000 lb	18180	\$8,735.00
150,000 lb	18181	\$8,735.00
4-Module Kit		
5,000 lb	18182	\$4,410.00
10,000 lb	18183	\$4,410.00
20,000 lb	18184	\$4,410.00
30,000 lb	32170	\$6,920.00
40,000 lb	32172	\$6,920.00
50,000 lb	18185	\$6,920.00
60,000 lb	18186	\$6,920.00
100,000 lb	18187	\$11,380.00
150,000 lb	18188	\$11,380.00
Dummy Load Cells		
5,000 to 20,000 lb	33749	\$90.00
30,000 to 60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 to 60,000 lb	126419	\$23.00

Complete Kit Includes

- Three or four EZ Mount 1 mild steel compression mounts with RL72020 NTEP Certified double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000 to 250,000 lb
- Unique sliding pin design compensates for thermal expansion/contraction
- Coated mild steel construction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Double-ended beam design, center loaded
- Low-profile design
- Compatible with VPG® Revere 5103 load cell

Applications

- Medium- to heavy-capacity tank and hopper weighing applications

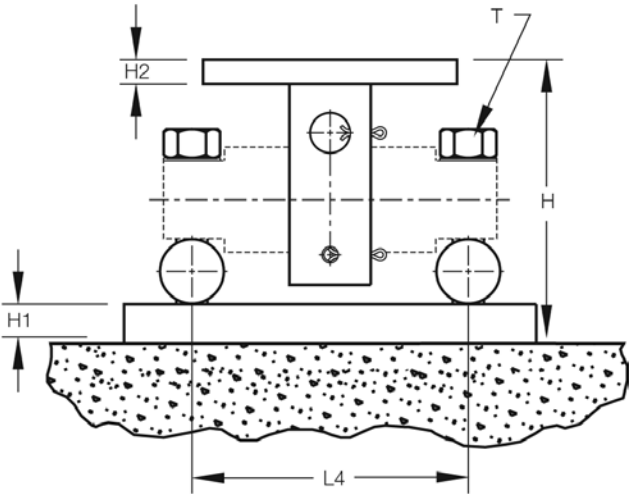
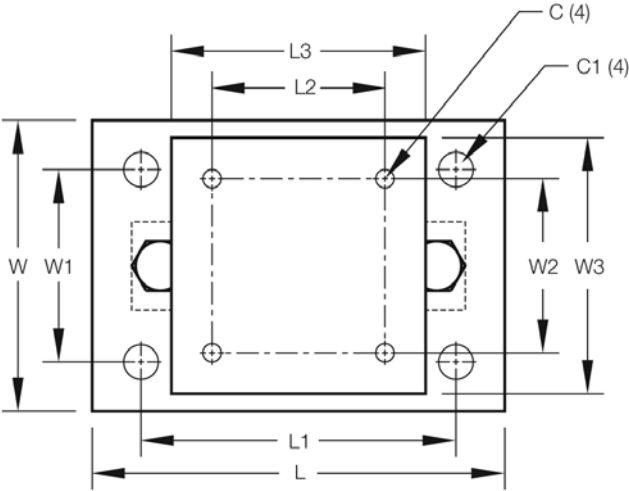
EZ Mount 1 with RL72020

Mild Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES

Dimensions

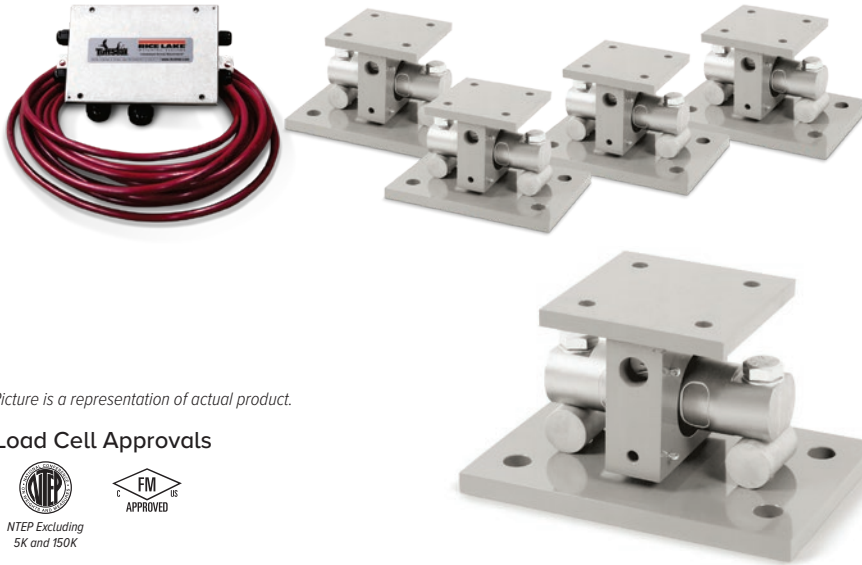
Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000 to 20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000 to 60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000 to 150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00
200,000 to 250,000	1.06	1.88	16.75	2.00	2.00	26.00	20.00	9.00	12.00	13.00	1 1/2-12 UNS	12.00	6.00	9.00	12.00



EZ Mount 1 SS with RL72020SS

Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



NTEP Excluding
5K and 150K

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 to 20,000 lb	17943	\$885.00
30,000 to 60,000 lb	17944	\$2,450.00
100,000 lb	17945	\$4,480.00
150,000 lb	29011	\$4,480.00
3-Module Kit		
5,000 lb*	208914	\$5,290.00
10,000 lb	208917	\$5,290.00
20,000 lb	208918	\$5,290.00
30,000 lb	208919	\$10,640.00
40,000 lb	208920	\$10,640.00
50,000 lb	208921	\$10,640.00
60,000 lb	208922	\$10,640.00
100,000 lb	208923	\$19,570.00
150,000 lb*	208924	\$19,570.00

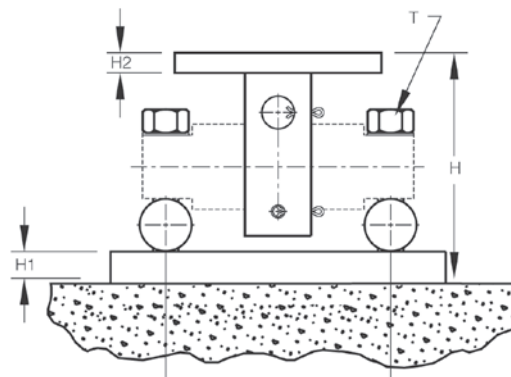
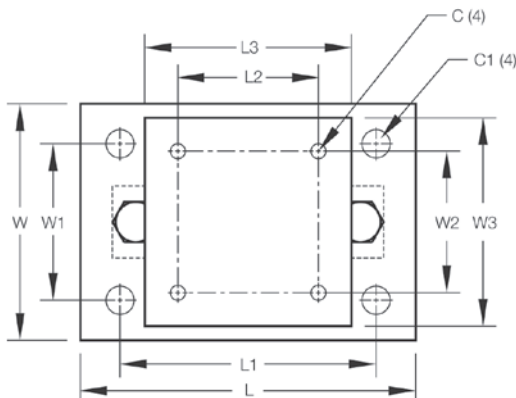
* Non-NTEP Certified

Load Rating (Per Module)	Part #	Price
4-Module Kit		
5,000 lb*	208925	\$6,865.00
10,000 lb	208926	\$6,865.00
20,000 lb	208927	\$6,865.00
30,000 lb	208928	\$14,010.00
40,000 lb	208929	\$14,010.00
50,000 lb	208930	\$14,010.00
60,000 lb	208931	\$14,010.00
100,000 lb	208932	\$26,030.00
150,000 lb*	208933	\$26,030.00
Dummy Load Cells (Mild Steel)		
5,000 to 20,000 lb	33749	\$90.00
30,000 to 60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 to 60,000 lb	126419	\$23.00

Includes ground strap and mounting hardware per mount

Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000 to 20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000 to 60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000 to 150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00



Complete Kit Includes

- Three or four EZ Mount 1 stainless steel compression mounts with RL72020SS stainless steel double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000 to 150,000 lb
- NTEP Certified load cells (except for 5,000 and 150,000 lb modules)
- Stainless steel construction
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Double-ended beam design, center-loaded
- Low-profile design
- Compatible with VPG® Revere 9103 load cell

Applications

- Medium- to heavy-capacity tank and hopper weighing applications

EZ Mount 1 with MLC Coated RL72020

Stainless Steel, Weigh Module Kit



Picture is a representation of actual product.

Load Cell Approvals



Order Information

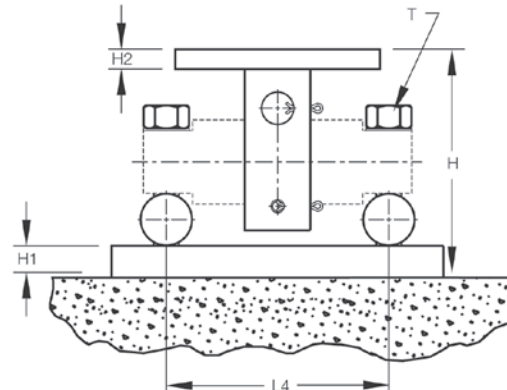
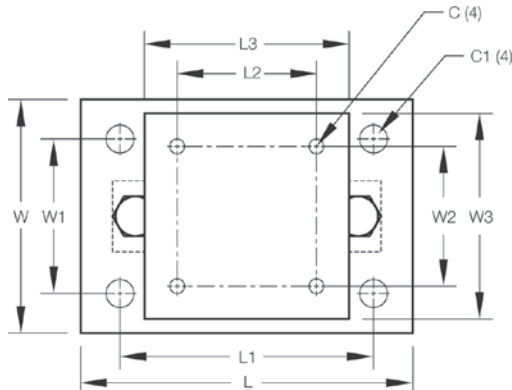
Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
5,000 to 20,000 lb	17943	\$885.00
30,000 to 60,000 lb	17944	\$2,450.00
100,000 lb	17945	\$4,480.00
150,000 lb	29011	\$4,480.00
3-Module Kit		
5,000 lb	208957	\$4,775.00
10,000 lb	208959	\$4,775.00
20,000 lb	208961	\$4,775.00
30,000 lb	208963	\$9,895.00
40,000 lb	208965	\$9,895.00
50,000 lb	208967	\$9,895.00
60,000 lb	208969	\$9,895.00
100,000 lb	208971	\$18,515.00
150,000 lb	208973	\$18,515.00

Load Rating (Per Module)	Part #	Price
4-Module Kit		
5,000 lb	208958	\$6,380.00
10,000 lb	208960	\$6,380.00
20,000 lb	208962	\$6,380.00
30,000 lb	208964	\$13,195.00
40,000 lb	208966	\$13,195.00
50,000 lb	208968	\$13,195.00
60,000 lb	208970	\$13,195.00
100,000 lb	208972	\$24,650.00
150,000 lb	208974	\$24,650.00
Dummy Load Cells (Mild Steel)		
5,000 to 20,000 lb	33749	\$90.00
30,000 to 60,000 lb	74016	\$122.00
100,000 lb	94175	\$265.00
150,000 lb	158715	\$265.00
Grounding Kit		
5,000 to 60,000 lb	126419	\$23.00

Includes ground strap and mounting hardware per mount

Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000 to 20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000 to 60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00
100,000 to 150,000	0.81	1.38	10.37	1.25	1.25	18.00	14.00	7.50	10.00	9.50	1-14 UNS	12.00	9.00	7.50	10.00



Complete Kit Includes

- Three or four EZ Mount 1 stainless steel compression mounts with RL72020 MLC Coated NTEP Certified double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000 to 150,000 lb
- Unique sliding pin design compensates for thermal expansion/contraction
- Stainless steel construction (mount)
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Double-ended design, center-loaded
- Low-profile design

Applications

- Medium- to heavy-capacity tank and fertilizer hopper weighing applications

LOAD CELLS /
WEIGH MODULES

EZ Mount 1 HE

Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
5,000 lb*	46695	\$6,235.00
10,000 lb	46696	\$6,235.00
20,000 lb	46697	\$6,235.00
30,000 lb	46698	\$12,375.00
40,000 lb	46699	\$12,375.00
50,000 lb	46700	\$12,375.00
60,000 lb	46701	\$12,375.00
4-Module Kit		
5,000 lb*	46702	\$8,390.00
10,000 lb	46703	\$8,390.00
20,000 lb	46704	\$8,390.00
30,000 lb	46705	\$16,175.00
40,000 lb	46706	\$16,175.00
50,000 lb	46707	\$16,175.00
60,000 lb	46708	\$16,175.00
Dummy Load Cells (Mild Steel)		
5,000 to 20,000 lb	33749	\$90.00
30,000 to 60,000 lb	74016	\$122.00
Grounding Kit		
5,000 to 60,000 lb	126419	\$23.00

Includes ground strap and mounting hardware

*Non-NTEP

Dimensions

Rated Capacity	C	C1	H	H1	H2	L	L1	L2	L3	L4	T	W	W1	W2	W3
lb/in															
5,000 to 20,000	0.56	1.06	5.31	0.75	0.50	11.00	8.00	3.00	6.00	6.87	5/8-18 UNF	7.50	4.00	3.00	6.00
30,000 to 60,000	0.68	1.19	8.43	1.00	0.75	15.00	11.50	5.12	8.00	8.50	1-14 UNS	10.00	6.00	5.12	8.00

NOTES: Mounting bolts (T) may project on lower side of base plate. Foundation plate not included

Shims

	Part #	Price
5,000 to 20,000 lb, Stainless Steel		
0.0625 in	150886	\$12.00
0.125 in	150888	\$18.00
0.250 in	150889	\$29.00
30,000 to 60,000 lb, Stainless Steel		
0.0625 in	150890	\$19.00
0.125 in	150891	\$30.00
0.250 in	150892	\$64.00
5,000 to 20,000 lb, Mild Steel		
0.0625 in	150874	\$5.00
0.125 in	150876	\$6.00
0.250 in	150877	\$8.00
30,000 to 60,000 lb, Mild Steel		
0.0625 in	150878	\$6.00
0.125 in	150880	\$9.00
0.250 in	150881	\$11.00

Complete Kit Includes

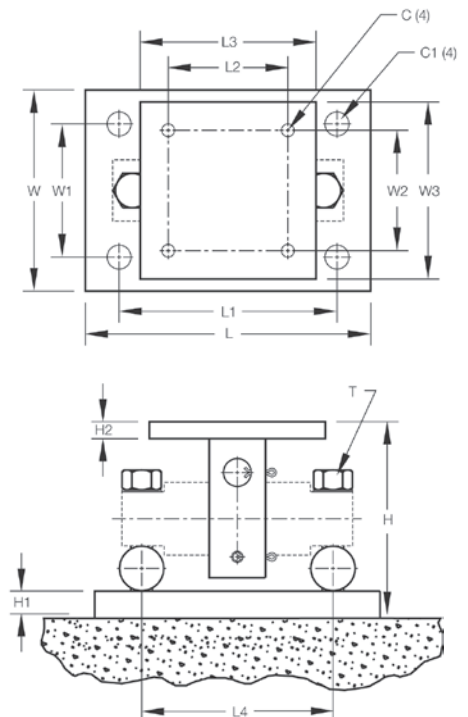
- Three or four EZ Mount 1 stainless steel compression mounts with RL72019SS welded-seal stainless steel double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 5,000 to 60,000 lb
- NTEP Certified (except 5,000 lb module)
- Stainless steel construction
- Unique sliding pin design compensates for thermal expansion/contraction
- Self-checking
- Easy load cell replacement
- Simplified design allows bolting directly to tank and floor
- Double-ended beam design, center-loaded
- Low-profile design

Applications

- Medium- to heavy-capacity tank and hopper weighing applications



RL1600 Series with RL77032

Cast Iron, Weigh Module Kit



Picture is a representation of actual product.

Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 to 5,000 lb	17964	\$185.00
10,000 to 25,000 lb	17965	\$357.00
3-Module Kit		
1,000 lb	228436	\$2,285.00
1,500 lb	228439	\$2,285.00
2,000 lb	228441	\$2,285.00
2,500 lb	228444	\$2,285.00
3,000 lb	228446	\$2,285.00
5,000 lb	228448	\$2,285.00
10,000 lb	228450	\$3,000.00
15,000 lb	228452	\$3,000.00
20,000 lb	228454	\$3,000.00
25,000 lb	228456	\$3,000.00
4-Module Kit		
1,000 lb	228438	\$2,925.00
1,500 lb	228440	\$2,925.00
2,000 lb	228442	\$2,925.00
2,500 lb	228445	\$2,925.00
3,000 lb	228447	\$2,925.00
5,000 lb	228449	\$2,925.00
10,000 lb	228451	\$3,875.00
15,000 lb	228453	\$3,875.00
20,000 lb	228455	\$3,875.00
25,000 lb	228457	\$3,875.00

Contact factory for load cell upgrade

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000 to 5,000	0.56	5.00	0.50	0.50	9.31	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000 to 25,000	0.78	7.89	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00

VPG Scentroidrics 65016 Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb	25685	\$2,685.00
1,500 lb	25686	\$2,685.00
2,500 lb	25688	\$2,685.00
5,000 lb	25690	\$2,685.00
10,000 lb	25691	\$3,400.00
15,000 lb	25692	\$3,400.00
20,000 lb	25693	\$3,400.00
25,000 lb	25694	\$3,400.00
4-Module Kit		
1,000 lb	25695	\$3,485.00
1,500 lb	25696	\$3,485.00
2,500 lb	25698	\$3,485.00
5,000 lb	25700	\$3,485.00
10,000 lb	25701	\$4,465.00
15,000 lb	25702	\$4,465.00
20,000 lb	25703	\$4,465.00
25,000 lb	25704	\$4,465.00
Dummy Load Cells		
1,000 to 5,000 lb	18236	\$26.00
10,000 to 25,000 lb	18237	\$50.00

Contact factory for load cell upgrade

Complete Kit Includes

- Three or four RL1600 cast iron compression mounts with RL77032 environmentally protected double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

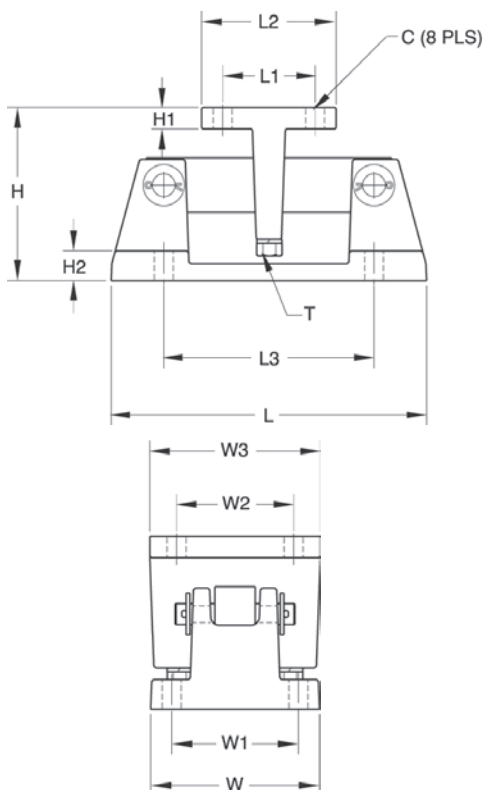
- Capacities (per module): 1,000 to 25,000 lb
- Cast iron construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Double-ended beam design, center loaded
- Compatible with VPG® Scentroidrics® 65016 load cells, capacities (per module): 1,000 to 25,000 lb

Applications

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

Shims, Mild Steel

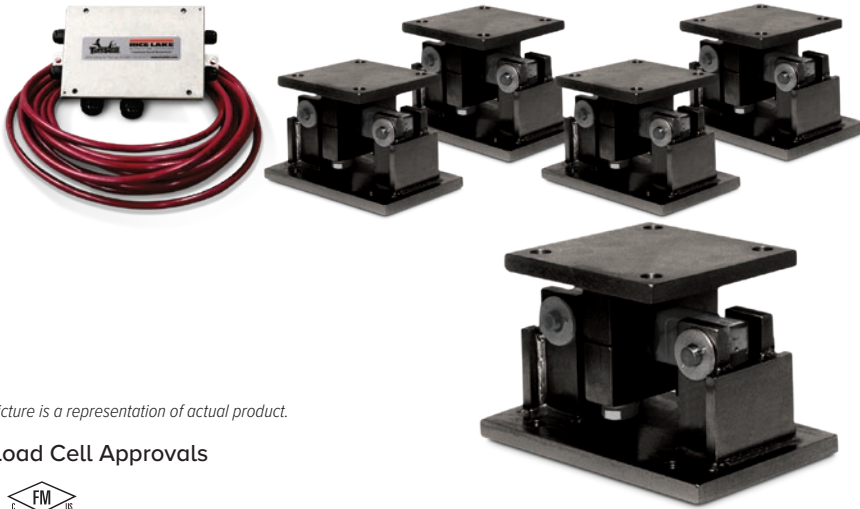
	Part #	Price
1,000 to 5,000 lb		
0.0625 in	150844	\$2.00
0.125 in	150845	\$3.00
0.250 in	150846	\$3.00
10,000 to 25,000 lb		
0.0625 in	150847	\$5.00
0.125 in	150848	\$7.50
0.250 in	150849	\$8.00



RL1600 Series with RL77032

Mild Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 to 5,000 lb	17812	\$185.00
10,000 to 25,000 lb	17814	\$357.00
50,000 lb	17816	\$1,197.00
75,000 lb	25346	\$1,197.00
3-Module Kit		
1,000 lb	225213	\$2,285.00
1,500 lb	225214	\$2,285.00
2,000 lb	225215	\$2,285.00
2,500 lb	225216	\$2,285.00
3,000 lb	225217	\$2,285.00
5,000 lb	225218	\$2,285.00
10,000 lb	225219	\$3,000.00
15,000 lb	225220	\$3,000.00
20,000 lb	225221	\$3,000.00
25,000 lb	225222	\$3,000.00
50,000 lb	225223	\$6,305.00
75,000 lb	225224	\$6,305.00
4-Module Kit		
1,000 lb	225226	\$2,925.00
1,500 lb	225227	\$2,925.00
2,000 lb	225229	\$2,925.00
2,500 lb	225231	\$2,925.00
3,000 lb	225232	\$2,925.00
5,000 lb	225233	\$2,925.00
10,000 lb	225234	\$3,875.00
15,000 lb	225235	\$3,875.00
20,000 lb	225236	\$3,875.00
25,000 lb	225237	\$3,875.00
50,000 lb	225238	\$8,425.00
75,000 lb	225239	\$8,425.00

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000 to 5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000 to 25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000 to 75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

VPG Scentroidrics 65016 Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb	18189	\$2,685.00
1,500 lb	18190	\$2,685.00
2,500 lb	18192	\$2,685.00
5,000 lb	18194	\$2,685.00
10,000 lb	18195	\$3,400.00
15,000 lb	18196	\$3,400.00
20,000 lb	18197	\$3,400.00
25,000 lb	18198	\$3,400.00
50,000 lb	18199	\$6,800.00
75,000 lb	25350	\$6,800.00
4-Module Kit		
1,000 lb	18201	\$3,485.00
1,500 lb	18202	\$3,485.00
2,500 lb	18204	\$3,485.00
5,000 lb	18206	\$3,485.00
10,000 lb	18207	\$4,465.00
15,000 lb	18208	\$4,465.00
20,000 lb	18209	\$4,465.00
25,000 lb	18210	\$4,465.00
50,000 lb	18211	\$8,920.00
75,000 lb	25351	\$8,920.00
Dummy Load Cells		
1,000 to 5,000 lb	18236	\$26.00
10,000 to 25,000 lb	18237	\$50.00
50,000 lb	18238	\$56.00

Complete Kit Includes

- Three or four RL1600 mild steel compression mounts with RL77032 environmentally protected double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

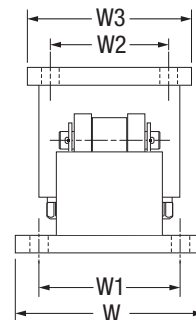
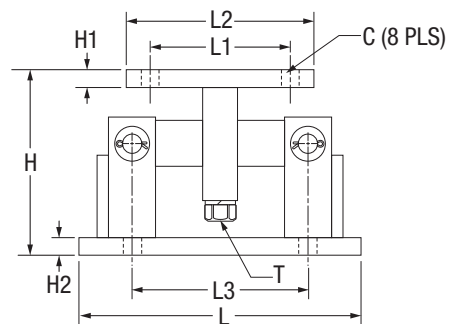
- Capacities (per module): 1,000 to 75,000 lb
- Coated mild steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Double-ended shear beam design, center loaded
- Compatible with VPG® Scentroidrics® 65016 load cells

Applications

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

Shims, Mild Steel

	Part #	Price
1,000 to 5,000 lb		
0.0625 in	150844	\$2.00
0.125 in	150845	\$3.00
0.250 in	150846	\$3.00
10,000 to 25,000 lb		
0.0625 in	150847	\$5.00
0.125 in	150848	\$7.50
0.250 in	150849	\$8.00
50,000 to 75,000 lb		
0.0625 in	150850	\$7.00
0.125 in	150851	\$9.00
0.250 in	150866	\$7.50



**Limited Stock
Available**

RL1600 Series with RL75016SS

Stainless Steel, Weigh Module Kit



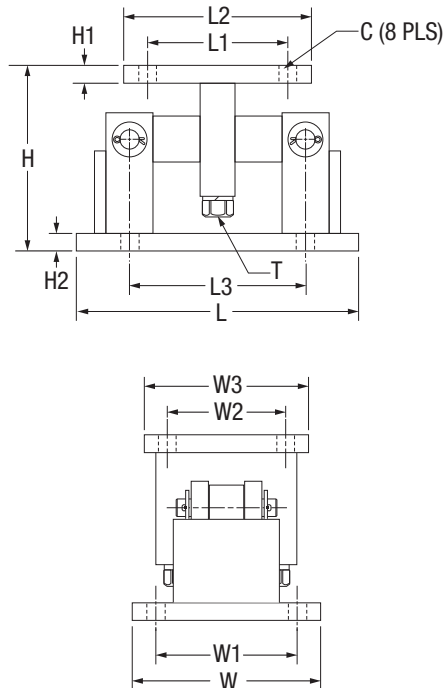
Picture is a representation of actual product.

Load Cell Approvals



VPG Sensortronics 65016W Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb	18213	\$4,090.00
1,500 lb	18214	\$4,090.00
2,500 lb	18216	\$4,090.00
5,000 lb	18217	\$4,090.00
10,000 lb	18218	\$6,280.00
15,000 lb	18219	\$6,280.00
20,000 lb	18220	\$6,280.00
25,000 lb	18221	\$6,280.00
50,000 lb	18222	\$13,815.00
75,000 lb	25354	\$13,815.00
4-Module Kit		
1,000 lb	18224	\$5,375.00
1,500 lb	18225	\$5,375.00
2,500 lb	18227	\$5,375.00
5,000 lb	18228	\$5,375.00
10,000 lb	18229	\$8,290.00
15,000 lb	18230	\$8,290.00
20,000 lb	18231	\$8,290.00
25,000 lb	18232	\$8,290.00
50,000 lb	18233	\$18,225.00
75,000 lb	25355	\$18,225.00
Dummy Load Cells (Mild Steel)		
1,000 to 5,000 lb	18236	\$26.00
10,000 to 25,000 lb	18237	\$50.00
50,000 lb	18238	\$56.00



Complete Kit Includes

- Three or four RL1600 stainless steel compression mounts with RL75016SS environmentally protected stainless steel double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacities (per module): 1,000 to 75,000 lb
- Stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Double-ended shear beam design, center loaded
- Compatible with VPG® Sensortronics® 65016W SS load cells

Applications

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

Shims, Stainless

	Part #	Price
1,000 to 5,000 lb		
0.0625 in	150852	\$7.00
0.125 in	150853	\$12.00
0.250 in	150854	\$18.00
10,000 to 25,000 lb		
0.0625 in	150855	\$19.00
0.125 in	150856	\$30.00
0.250 in	150857	\$65.00
50,000 to 75,000 lb		
0.0625 in	150858	\$27.00
0.125 in	150859	\$38.00
0.250 in	150861	\$79.00

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000 to 5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000 to 25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000 to 75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

RL1600 SS Series with RL77032SS

Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 to 5,000 lb	17813	\$685.00
10,000 to 25,000 lb	17815	\$1,345.00
50,000 lb	17842	\$3,185.00
75,000 lb	25347	\$3,185.00
3-Module Kit		
1,000 lb	225333	\$3,820.00
1,500 lb	225334	\$3,820.00
2,000 lb	225335	\$3,820.00
2,500 lb	225336	\$3,820.00
5,000 lb	225337	\$3,820.00
10,000 lb	225338	\$5,830.00
15,000 lb	225340	\$5,830.00
20,000 lb	225341	\$5,830.00
25,000 lb	225342	\$5,830.00
50,000 lb	225343	\$13,255.00
75,000 lb	225344	\$13,255.00
4-Module Kit		
1,000 lb	225347	\$4,988.00
1,500 lb	225349	\$4,988.00
2,000 lb	225350	\$4,988.00
2,500 lb	225351	\$4,988.00
5,000 lb	225352	\$4,988.00
10,000 lb	225353	\$7,959.00
15,000 lb	225354	\$7,959.00
20,000 lb	225355	\$7,959.00
25,000 lb	225356	\$7,959.00
50,000 lb	225357	\$17,895.00
75,000 lb	225358	\$17,895.00

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000 to 5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000 to 25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000 to 75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

VPG Scentroidrics 65016W Order Information

Load Rating (Per Module)	Part #	Price
3-Module Kit		
1,000 lb	18213	\$4,090.00
1,500 lb	18214	\$4,090.00
2,500 lb	18216	\$4,090.00
5,000 lb	18217	\$4,090.00
10,000 lb	18218	\$6,280.00
15,000 lb	18219	\$6,280.00
20,000 lb	18220	\$6,280.00
25,000 lb	18221	\$6,280.00
50,000 lb	18222	\$13,815.00
75,000 lb	25354	\$13,815.00
4-Module Kit		
1,000 lb	18224	\$5,375.00
1,500 lb	18225	\$5,375.00
2,500 lb	18227	\$5,375.00
5,000 lb	18228	\$5,375.00
10,000 lb	18229	\$8,290.00
15,000 lb	18230	\$8,290.00
20,000 lb	18231	\$8,290.00
25,000 lb	18232	\$8,290.00
50,000 lb	18233	\$18,225.00
75,000 lb	25355	\$18,225.00
Dummy Load Cells (Mild Steel)		
1,000 to 5,000 lb	18236	\$26.00
10,000 to 25,000 lb	18237	\$50.00
50,000 lb	18238	\$56.00

Complete Kit Includes

- Three or four RL1600 stainless steel compression mounts with RL77032SS environmentally protected stainless steel double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

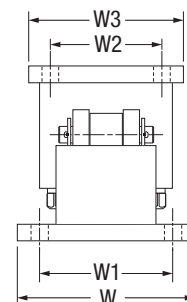
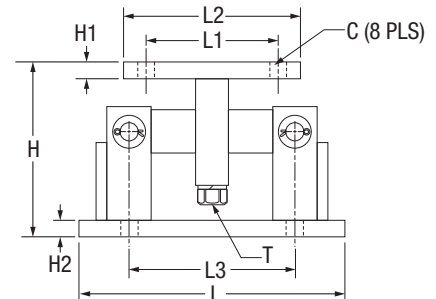
- Capacities (per module): 1,000 to 75,000 lb
- Stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Double-ended shear beam design, center loaded
- Compatible with VPG® Scentroidrics® 65016W SS load cells

Applications

- Medium- to heavy-capacity tanks, bins and hoppers
- Bulk material management

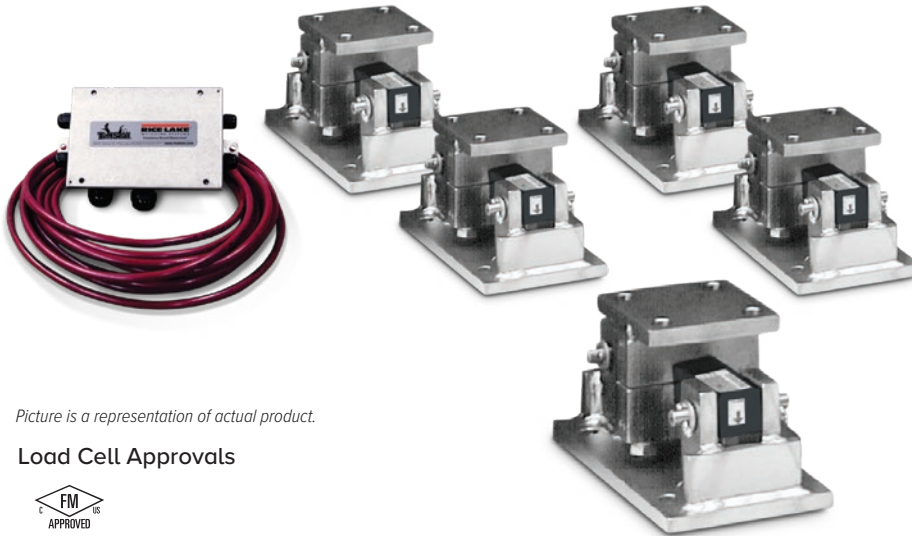
Shims, Stainless

	Part #	Price
1,000 to 5,000 lb		
0.0625 in	150852	\$7.00
0.125 in	150853	\$12.00
0.250 in	150854	\$18.00
10,000 to 25,000 lb		
0.0625 in	150855	\$19.00
0.125 in	150856	\$30.00
0.250 in	150857	\$65.00
50,000 to 75,000 lb		
0.0625 in	150858	\$27.00
0.125 in	150859	\$38.00
0.250 in	150861	\$79.00



RL1600 Series with MLC Coated RL75016

Stainless Steel, Weigh Module Kit



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 to 5,000 lb	17813	\$685.00
10,000 to 25,000 lb	17815	\$1,345.00
50,000 lb	17842	\$3,185.00
75,000 lb	25347	\$3,185.00
3-Module Kit		
1,000 lb	199023	\$3,820.00
1,500 lb	199025	\$3,820.00
2,000 lb	199027	\$3,820.00
2,500 lb	199029	\$3,820.00
3,000 lb	199031	\$3,820.00
5,000 lb	199033	\$3,820.00
10,000 lb	199035	\$5,830.00
15,000 lb	199037	\$5,830.00
20,000 lb	199038	\$5,830.00
25,000 lb	199040	\$5,830.00
50,000 lb	199042	\$13,255.00
75,000 lb	199044	\$13,255.00
4-Module Kit		
1,000 lb	199024	\$4,985.00
1,500 lb	199026	\$4,985.00
2,000 lb	199028	\$4,985.00
2,500 lb	199030	\$4,985.00
3,000 lb	199032	\$4,985.00
5,000 lb	199034	\$4,985.00
10,000 lb	199036	\$7,955.00
15,000 lb	199056	\$7,955.00
20,000 lb	199039	\$7,955.00
25,000 lb	199041	\$7,955.00
50,000 lb	199043	\$17,895.00
75,000 lb	199045	\$17,895.00

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000 to 5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000 to 25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000 to 75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

Complete Kit Includes

- Three or four RL1600 stainless steel compression mounts with MLC Coated RL75016 alloy steel, environmentally sealed, double ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

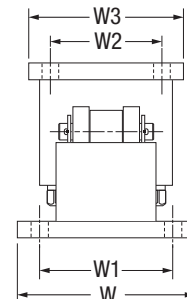
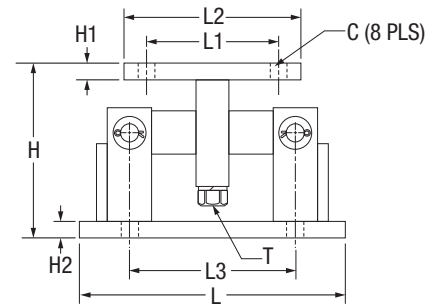
- Capacities (per module): 1,000 to 75,000 lb
- Stainless steel construction (mounts)
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Double-ended shear beam design, center loaded

Applications

- Medium-to heavy-capacity tanks, bins, and hoppers
- Bulk material management

Shims, Stainless

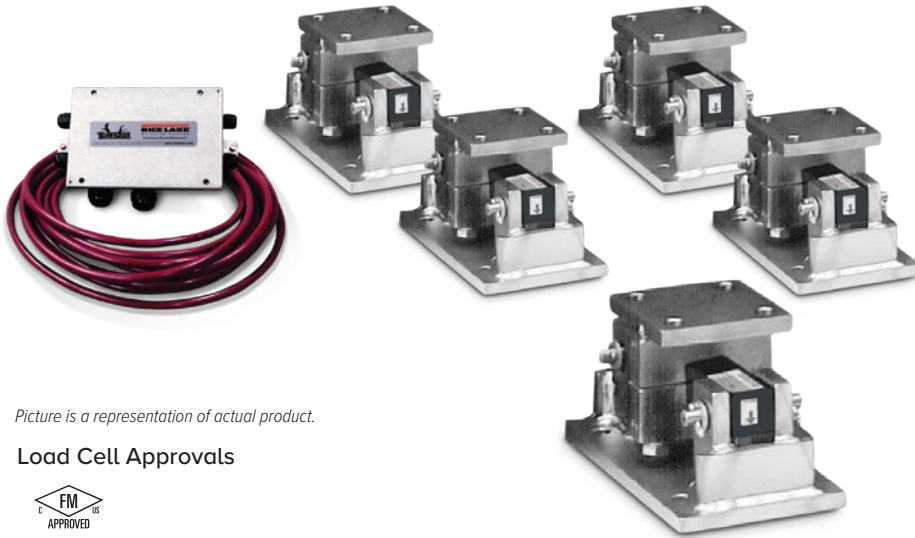
	Part #	Price
1,000 to 5,000 lb		
0.0625 in	150852	\$7.00
0.125 in	150853	\$12.00
0.250 in	150854	\$18.00
10,000 to 25,000 lb		
0.0625 in	150855	\$19.00
0.125 in	150856	\$30.00
0.250 in	150857	\$65.00
50,000 to 75,000 lb		
0.0625 in	150858	\$27.00
0.125 in	150859	\$38.00
0.250 in	150861	\$79.00



RL1600 HE Series with RL77032SS HE

Stainless Steel, Weigh Module Kit

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Load Cell Approvals



Order Information

Load Rating (Per Module)	Part #	Price
Single Module (Does NOT Include Load Cell)		
1,000 to 5,000 lb	17813	\$685.00
10,000 to 25,000 lb	17815	\$1,345.00
50,000 lb	17842	\$3,185.00
75,000 lb	25347	\$3,185.00
3-Module Kit		
1,000 lb	225359	\$4,500.00
1,500 lb	225360	\$4,500.00
2,000 lb	225361	\$4,500.00
2,500 lb	225362	\$4,500.00
5,000 lb	225363	\$4,500.00
10,000 lb	225364	\$6,725.00
15,000 lb	225365	\$6,725.00
20,000 lb	225366	\$6,725.00
25,000 lb	225367	\$6,725.00
50,000 lb	225368	\$14,180.00
75,000 lb	225369	\$14,180.00
4-Module Kit		
1,000 lb	225370	\$5,865.00
1,500 lb	225371	\$5,865.00
2,000 lb	225372	\$5,865.00
2,500 lb	225373	\$5,865.00
5,000 lb	225374	\$5,865.00
10,000 lb	225375	\$8,800.00
15,000 lb	225376	\$8,800.00
20,000 lb	225377	\$8,800.00
25,000 lb	225378	\$8,800.00
50,000 lb	225379	\$18,815.00
75,000 lb	225380	\$18,815.00
Dummy Load Cell		
1,000 to 5,000 lb	18236	\$26.00
10,000 to 25,000 lb	18237	\$50.00

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	T	W	W1	W2	W3
lb/in													
1,000 to 5,000	0.56	5.00	0.50	0.50	9.25	2.75	4.00	6.25	1/2-13 UNC	5.00	3.75	2.75	4.00
10,000 to 25,000	0.78	7.87	0.75	0.75	12.00	6.00	8.00	7.50	3/4-10 UNC	8.00	6.00	6.00	8.00
50,000 to 75,000	0.78	9.25	1.00	1.00	16.25	6.50	9.00	11.50	1 1/4-7 UNC	12.00	9.50	6.50	9.00

Complete Kit Includes

- Three or four RL1600 HE stainless steel compression mounts with RL77032SS HE stainless steel, hermetically sealed, double-ended shear beam load cells
- One JB4SS NEMA Type 4X stainless steel signal trim junction box
- 25 ft of hostile environment EL147HE SURVIVOR load cell cable

Standard Features

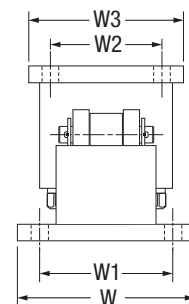
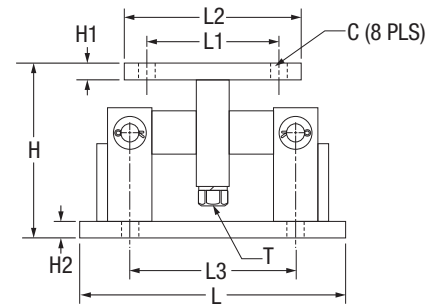
- Stainless steel construction
- Self-checking, easy-to-use design allows module to be bolted directly to tank leg without requiring additional mounting plates or load buttons
- Center loaded

Applications

- Medium-capacity tanks, bins and hoppers
- Bulk material management
- Ingredient batching, mixing and blending

Shims, Stainless

	Part #	Price
1,000 to 5,000 lb		
0.0625 in	150852	\$7.00
0.125 in	150853	\$12.00
0.250 in	150854	\$18.00
10,000 to 25,000 lb		
0.0625 in	150855	\$19.00
0.125 in	150856	\$30.00
0.250 in	150857	\$65.00
50,000 to 75,000 lb		
0.0625 in	150858	\$27.00
0.125 in	150859	\$38.00
0.250 in	150861	\$79.00



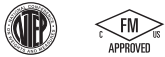
MVS Mount/MVS

Mild Steel, Weigh Module Conversion Kit



Picture is a representation of actual product.

Load Cell Approvals



Order Information

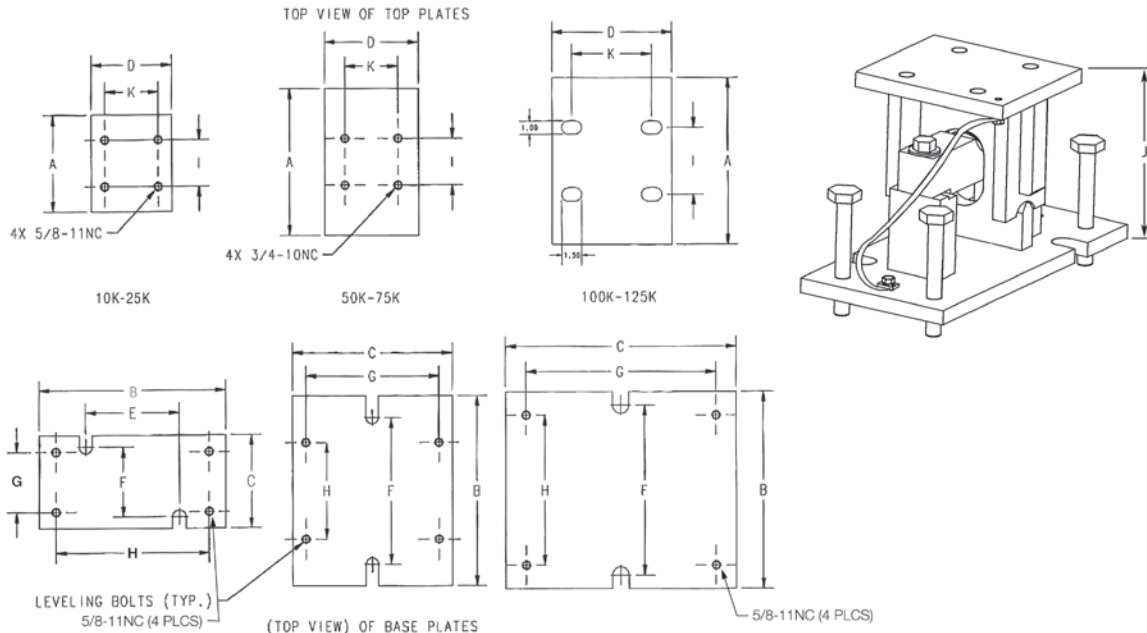
Load Rating (Per Module)	Part #	Price
MVS Mount (Does NOT Include Load Cell)		
10,000 to 25,000 lb	71200	\$725.00
50,000 to 75,000 lb	46441	\$865.00
100,000 to 125,000 lb	68520	\$1,475.00
MVS Conversion Kits (Includes 75,000 lb* Load Cells, Mounts and Junction Box)		
4-module kit	68495	\$7,505.00
6-module kit	68496	\$11,050.00
8-module kit	68497	\$15,020.00
10-module kit	68498	\$19,465.00
Dummy Load Cell		
50,000 to 75,000 lb	169388	\$175.00
100,000 to 125,000 lb	159696	\$212.00

Custom heights available; Consult

*Consult for other capacity requirements

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K
lb/in											
10,000 to 25,000	7.25	14.00	7.00	6.00	7.00	5.25	4.50	11.50	3.50	8.50	4.00
50,000 to 75,000	11.00	14.25	12.00	7.00	—	11.00	10.00	7.25	3.50	11.53	4.00
100,000 to 125,000	12.50	14.75	17.25	9.00	—	12.75	14.25	11.25	5.00	14.21	6.00



Complete Kit Includes

- Four to ten MVS mild steel mounts with RL75058-LP 75,000 lb NTEP Certified alloy steel environmentally sealed double-ended beam load cells
- One JB8SPT NEMA 4 Type signal trim junction box (JB1010 on 10 module kit)
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Capacity (per module): 10,000 to 125,000 lb
- Mild steel construction
- Specially hardened center link
- Self-checking design
- Self-centering design
- Accommodates thermal expansion and contraction
- Compatible with VPG® Sensortronics® 65058 or VPG® Celtron® CLB

Applications

- Truck scale conversion
- Heavy-capacity horizontal tanks

LOAD CELLS /
WEIGH MODULES

Translink™ Parallel Link

Painted Mild Steel, Truck Scale Assembly

LOAD CELLS /
WEIGH MODULES



Mount only; does not include load cell.
Picture is a representation of actual product.

Standard Features

- Capacities (per module): 25,000 to 100,000 lb
- Painted mild steel construction
- Center-supported, end-loaded double-ended shear beam design
- Free movement in all directions in the horizontal plane with virtually no friction
- Links provide optimal loading conditions for the cell
- Self-centering
- Requires no check rods
- Utilizes cells with 3 mV/V output
- Compatible with Rice Lake RL75223 and RL75040, VPG® Revere 5223 and VPG® Sensortronics® 65040A load cells

Applications

- Truck scale mount
- Heavy-capacity horizontal tanks

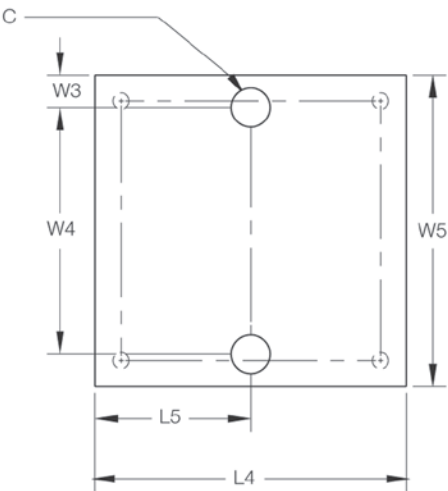
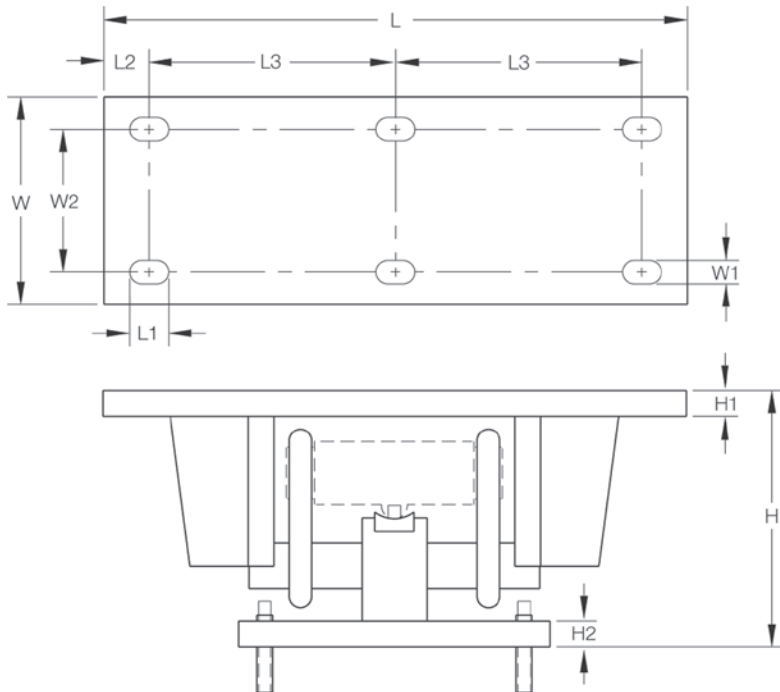
Order Information

Load Rating (Per Module)	Part #	Price
For Use With RL75223, 5223 Load Cells		
50,000 to 100,000 lb	17970	\$885.00
For Use With RL75040, 65040A Load Cells		
25,000 to 40,000 lb	17971	\$885.00
50,000 to 75,000 lb	17972	\$885.00

Mount only; does not include load cell

Dimensions

Rated Capacity	C	H	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4	W5
lb/in																
50,000 to 100,000 (RL75223, 5223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
25,000 to 40,000 (RL75040, 65040A)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
50,000 to 75,000 (RL75040, 65040A)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75



Motor Truck Scale

Electronic Weigh Module Conversion Kit



Picture is a representation of actual product.

Load Cell Approvals



Order Information

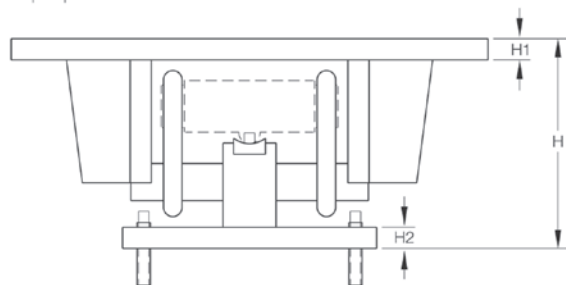
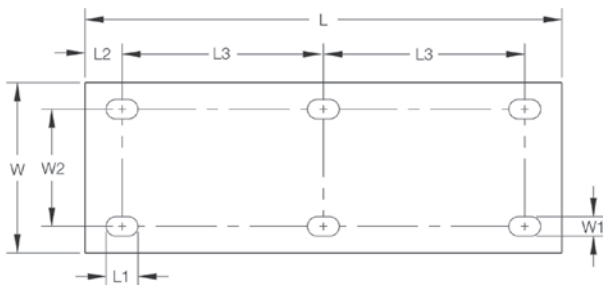
Load Cell Capacity (Per Module)	Part #	Load Cell Used In Kit	Price
4-Module Kit			
25,000 lb	30513	RL75040	\$6,324.00
40,000 lb	30514	RL75040	\$6,854.00
6-Module Kit			
50,000 lb	30515	RL75040	\$10,765.00
60,000 lb	30516	RL75040	\$10,765.00
8-Module Kit			
60,000 lb	30517	RL75040	\$13,899.00
75,000 lb	30518	RL75040	\$13,899.00
100,000 lb	30512	RL75223	\$16,787.00

SD refers to super duty, 100,000 lb capacity welded-seal load cells

Dimensions

Rated Capacity	C	H*	H1	H2	L	L1	L2	L3	L4	L5	W	W1	W2	W3	W4**	W5
lb/in																
50,000 to 100,000 (RL75223)	1.50	12.93	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
25,000 to 40,000 (RL75040)	1.50	9.88	1.00	1.00	18.50	1.50	1.75	7.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75
50,000 to 75,000 (RL75040)	1.50	12.82	1.00	1.00	22.50	1.50	1.75	9.50	11.75	5.88	7.75	0.91	5.25	1.25	9.25	11.75

*Custom heights available; consult



Complete Kit Includes

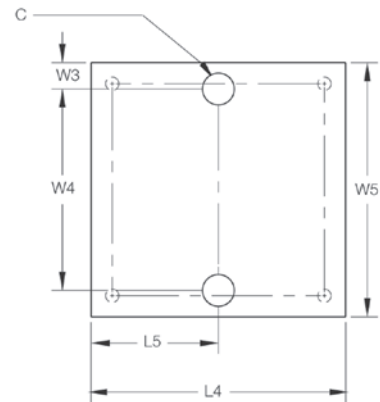
- Four, six or eight Translink™ mounting assemblies with NTEP Certified RL75040 or RL75223 welded-seal load cells
- One JB8SP NEMA Type 4X signal-trim junction box with individual and section trimming capability (six- and eight-mount kits) or one JB4SP NEMA Type 4X signal-trim junction box (four-mount kits)
- One UJB3T6 DC transient protector
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable

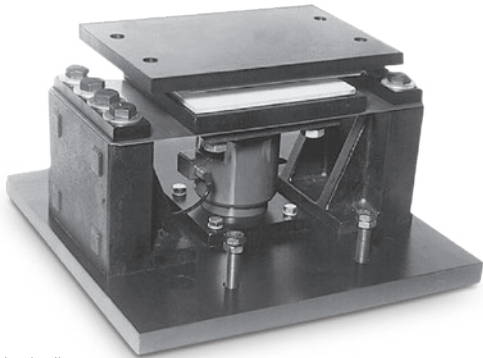
Standard Features

- Capacity (per module): 25,000 to 100,000 lb
- Cost and time efficient installation; no need to remove weighbridge
- Converts existing scale capacities of 40,000 to 300,000 lb
- Four, six or eight-mount kits for two, three or four section conversions
- Translink heavy-capacity mounting assemblies
- Free movement in all directions in the horizontal plane with virtually no friction
- Completely self-centering
- Requires no check rods
- Compatible with VPG® Sensortronics® 65040A or VPG® Revere 5223 load cells

Applications

- Updating existing mechanical motor truck scales
- Replacing unsatisfactory electronic motor truck scales
- Conversion of heavy-capacity scales into fully electronic vehicle scales where the existing scale cannot be removed





Mount only; does not include load cell.
Picture is a representation of actual product.

Standard Features

- Capacities (per module): 50,000 lb, 100,000 lb and 200,000 lb
- Protects load cell from shock and side loads
- Low-profile design
- High-capacity and rugged load-bearing plate made of high-grade carbon steel hardened to Rockwell C 48-54
- PTFE coated shock-absorbing pads
- Compatible with VPG® Revere CP and CSP, and Rice Lake RLCSP1 NTEP Certified load cells

Applications

- Truck scale mount*
- Heavy-capacity horizontal tanks*
- Railroad track mount*

*Check rods required

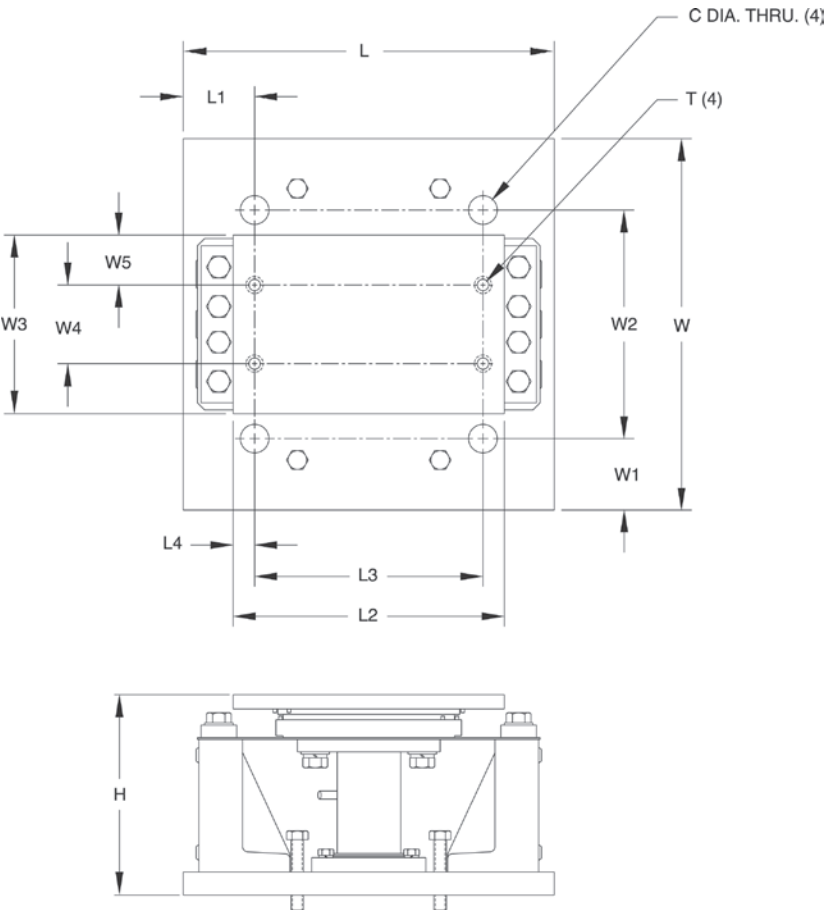
Order Information

Load Rating (Per Module)	Part #	Price
50,000 lb	21723	\$2,225.00
100,000 lb	21724	\$2,650.00
200,000 lb	17974	\$4,595.00

Mount only; does not include load cell

Dimensions

Rated Capacity	C	H	L	L1	L2	L3	L4	T	W	W1	W2	W3	W4	W5
lb/in														
50,000	1.25	7.39	13.00	1.75	11.25	8.50	1.37	3/4-10 UNC	12.00	1.75	8.50	8.00	4.50	1.75
100,000	1.50	11.29	20.00	2.25	18.00	15.50	1.25	7/8-9 UNC	17.00	2.50	12.00	9.00	5.50	1.75
200,000	2.00	14.10	26.00	5.00	19.00	16.00	1.50	1-8 UNC	26.00	5.00	16.00	12.50	5.50	3.50



Mettler Toledo® DigiTOL® Retrofit Kit

Stainless Steel, Rice Lake Weighing Systems/Flintec

LOAD CELLS /
WEIGH MODULES

RC1 Load Cells



Shown here with the JB8SP signal trim junction box.
Picture is a representation of actual product.

Load Cell Approvals



DigiTOL Retrofit Order information

Description	Part #	Price
8 mount kit, RC1-25 t (250kN) load cells, JB8SP junction box	78713	\$9,485.00
8 mount kit, RC1-25 t (250 kN) load cells, JB8SPT junction box	224897	\$9,895.00
10 mount kit, RC1-25 t (250 kN) load cells, two JB8SP junction boxes	78714	\$11,535.00
10 mount kit RC1-25 t (250 kN) load cells, two JB8SPT junction boxes	224898	\$12,225.00
12 mount kit, RC1-25 t (250kN) load cells, three JB8SP junction boxes	152774	\$14,225.00
12 mount kit RC1-25 t (250 kN) load cells, two JB8SPT junction boxes	224899	\$14,900.00

Complete Kit Includes

- Eight, ten or twelve Flintec® NTEP Certified stainless steel, hermetically sealed rocker column load cells
- Upper and lower cups
- NEMA Type 4X signal trim junction boxes with transient protection
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable
- Grounding straps (JB8SPT kits only)

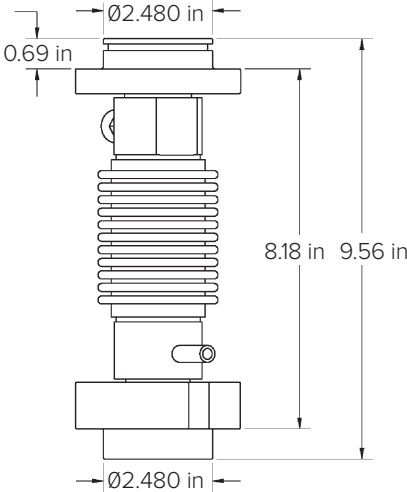
Standard Features

- Load cells are NTEP Certified 1:10,000 divisions, Class III*
- Converts existing Mettler Toledo DigiTOL scale to an analog-based load cell weighing system
- One-year limited warranty

**Consult your local Weights & Measures Authorities for local Legal for Trade requirements*

Applications

- Mettler Toledo DigiTOL truck scale conversion



RC1-25 t

Mettler Toledo® DigiTOL® Retrofit Kit

Stainless Steel, Rice Lake Weighing Systems/Flintec

LOAD CELLS /
WEIGH MODULES

RC3 Load Cells



Shown here with the JB8SP signal trim junction box
Picture is a representation of actual product

Load Cell Approvals



Complete Kit Includes

- Eight, ten or twelve Flintec® NTEP Certified stainless steel, hermetically sealed rocker column load cells
- Upper and lower cups
- NEMA Type 4X signal trim junction boxes with transient protection
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable
- Grounding straps (JB8SPT kits only)

Standard Features

- Load cells are NTEP Certified 1:10,000 divisions, Class IIII*
- Converts existing Mettler Toledo DigiTOL scale to an analog-based load cell weighing system
- One-year limited warranty

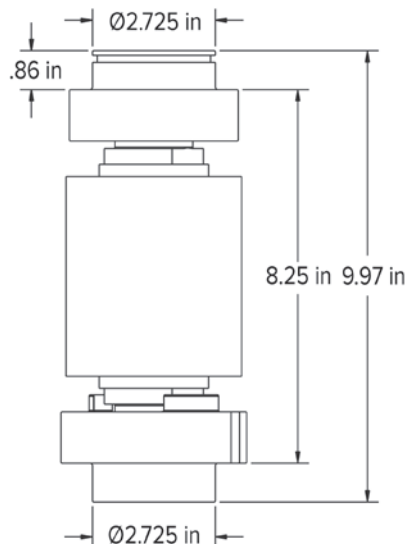
*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

Applications

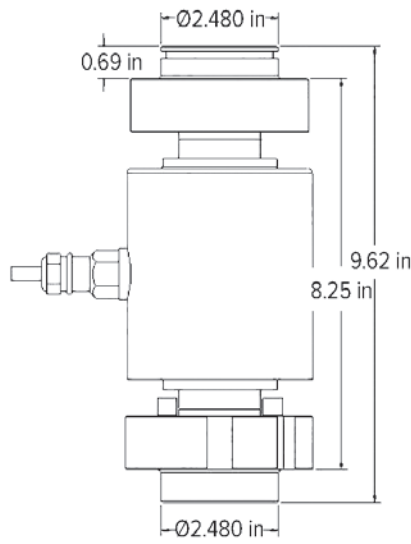
- Mettler Toledo DigiTOL truck scale conversion

DigiTOL Retrofit Order information

Description	Part #	Price
8 mount kit RC3-50 t load cells, two EL304A junction boxes (truck/truck combo)	129844	\$12,995.00
8 mount kit RC3-50 t load cells, two EL304A junction boxes (truck only)	154347	\$12,995.00
8 mount kit RC3-50 t load cells, one JB8SPT junction boxes (truck/truck combo)	224900	\$13,200.00
8 mount kit RC3-50 t load cells, one JB8SPT junction boxes (truck only)	224901	\$13,200.00
10 mount kit RC3-50 t load cells, two JB8SP junction boxes (truck/truck combo)	111367	\$16,100.00
10 mount kit RC3-50 t load cells, three EL304A junction boxes (truck only)	154348	\$16,100.00
10 mount kit RC3-50 t load cells, two JB8SPT junction boxes (truck/truck combo)	224902	\$16,750.00
10 mount kit RC3-50 t load cells, two JB8SPT junction boxes (truck only)	224903	\$16,750.00
12 mount kit RC3-50 t load cells, three EL304A junction boxes (truck only)	154349	\$19,295.00
12 mount kit RC3-50 t load cells, two JB8SPT junction boxes (truck only)	224904	\$19,900.00



RC3-50 t
TRACK



RC3-50 t
TRUCK

Rice Lake Analog Retrofit Kit

Stainless Steel, Analog Load Cells for Mettler Toledo PDX Digital Conversion to Analog

NEW

RL82025-50t Load Cells



Complete Kit Includes

- Eight or ten Rice Lake NTEP Certified stainless steel, hermetically sealed, rocker column load cells
- Upper and lower cups
- Grounding straps
- NEMA Type 4X signal trim junction boxes with transient protection
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Load cells are NTEP Certified 1:10,000 divisions, Class III*
- Converts Mettler Toledo PDX digital scales to analog
- Load cells have built-in surge protection and rated to IP69K
- Stainless steel overbraid cable
- Two-year limited warranty

*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

Applications

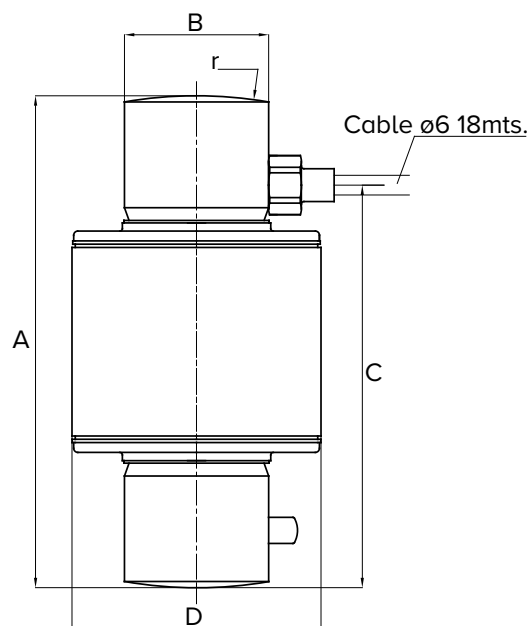
- Mettler Toledo PDX digital truck scale conversion

Digital Retrofit Order information

Description	Part #	Price
8 mount kit RL82025-50 t load cells, two JBSPT junction boxes	227964	\$8,455.00
10 mount kit RL82025-50 t load cells, three JBSPT junction boxes	227965	\$11,035.00

Dimensions

Rated Capacity	A	Ø B	C	D	r
t/mm Analog Load Cells					
15	150.0	44.0	123.0	76.0	130.0
20	150.0	44.0	123.0	76.0	130.0
25	150.0	44.0	123.0	76.0	150.0
30	150.0	44.0	123.0	76.0	160.0
40	150.0	44.0	123.0	76.0	180.0
50	150.0	44.0	123.0	76.0	180.0



Rice Lake Analog Retrofit Kit

Stainless Steel, Analog Load Cells for B-Tek Digital Conversion to Analog

LOAD CELLS /
WEIGH MODULES

RL82021-40t Load Cells



Shown here with the EL304A signal trim junction box.
Picture is a representation of actual product.

Load Cell Approvals



Load Cups

Complete Kit Includes

- Eight or ten Rice Lake NTEP Certified stainless steel, hermetically sealed, rocker column load cells
- Upper and lower cups
- Grounding straps
- NEMA Type 4X signal trim junction boxes
- 100 ft of hostile environment EL147HE SURVIVOR® load cell cable

Standard Features

- Load cells are NTEP Certified 1:10,000 divisions, Class IIII*
- Converts B-TEK digital CPD-M scales to analog
- Load cells have built-in surge protection and rated to IP69K
- Stainless steel overbraid cable
- Two-year limited warranty

*Consult your local Weights & Measures Authorities for local Legal for Trade requirements

Applications

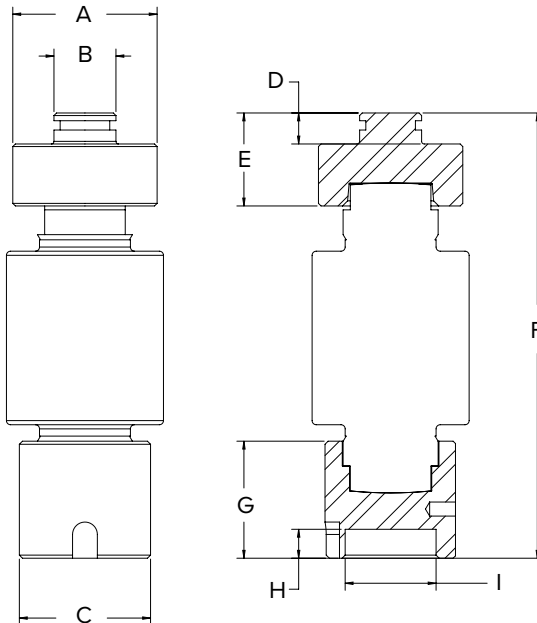
- B-TEK digital truck scale conversion

Digital Retrofit Order information

Description	Part #	Price
8 mount kit RL82021-40 t load cells, two EL304A junction boxes	216423	\$7,795.00
10 mount kit RL82021-40 t load cells, three EL304A junction boxes	216424	\$9,875.00

Dimensions

Analog Load Cells	
A	Ø2.75 in (70 mm)
B	Ø1.18 in (30 mm)
C	Ø2.50 in (64 mm)
D	0.59 in (15 mm)
E	1.77 in (45 mm)
F	8.48 in (215 mm)
G	2.23 in (57 mm)
H	0.55 in (14 mm)
I	Ø1.73 in (44 mm)



Electronic Floor Scale Underdeck Kits

LOAD CELLS /
WEIGH MODULES



Underdeck kits are provided to meet the application needs of the electronic floor scale producer and are an easy source for rebuilding existing floor scales. Underdeck kits are provided with mounting plates and load cell bolts for easy installation.

Economical Kit

Kit Includes

- (4) VPG® Celtron SQB alloy steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot® high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	26436	\$1,195.00
2,500 lb for 5,000 lb base	26437	\$1,195.00
4,000 lb for 10,000 lb base	26438	\$1,195.00

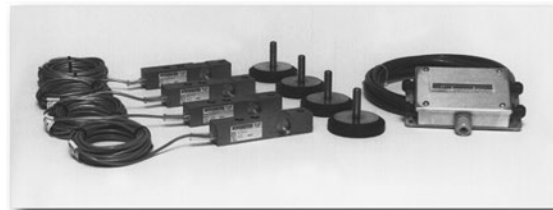
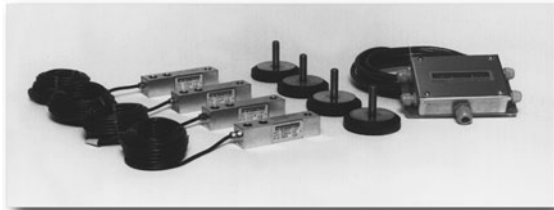
Chemical, Dry Corrosive & Non-Washdown Applications Kit

Kit Includes

- (4) VPG® Celtron SQB-HSS stainless steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot® high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	19035	\$1,695.00
2,500 lb for 5,000 lb base	19036	\$1,695.00
4,000 lb for 10,000 lb base	19037	\$1,695.00



Standard Precision Applications Kit

Kit Includes

- (4) Rice Lake RL32018 alloy steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

NOTES: The use of NTEP Certified load cells in a scale base does not constitute approval of the completed base. Consult with local or state jurisdiction for compliance requirements.

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	19032	\$1,495.00
2,500 lb for 5,000 lb base	19033	\$1,495.00
4,000 lb for 10,000 lb base	19034	\$1,495.00

Wet Applications Kit

Kit Includes

- (4) Rice Lake RL32018S-HE welded-seal stainless steel NTEP Certified 5,000 d, Class III load cells
- (1) JB4SS stainless steel NEMA Type 4X junction box
- (4) SureFoot® high-accuracy stainless steel support feet
- 20 ft EL147HE load cell cable
- (4) mounting plates and (8) load cell bolts

Order Information

Scale Base Capacity	Part #	Price
1,000 lb for 2,000 lb base	19038	\$1,995.00
2,500 lb for 5,000 lb base	19039	\$1,995.00
4,000 lb for 10,000 lb base	19040	\$1,995.00



Picture is a representation of actual product.

Approvals



Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	21428	2 lb	\$290.00
50 lb	21429	2 lb	\$290.00
75 lb	21430	2 lb	\$290.00
100 lb	21431	2 lb	\$290.00
150 lb	21432	2 lb	\$290.00
200 lb	21433	2 lb	\$290.00
250 lb	21434	2 lb	\$290.00
300 lb	21435	2 lb	\$290.00
500 lb	21436	2 lb	\$290.00
750 lb	21437	2 lb	\$290.00
1,000 lb	21438	2 lb	\$290.00
1,500 lb	21439	2 lb	\$290.00
2,000 lb***	21356	2 lb	\$358.00
2,000 lb	21440	2 lb	\$290.00
2,500 lb	21441	2 lb	\$290.00
3,000 lb	21442	4 lb	\$335.00
5,000 lb***	17044	4 lb	\$505.00
5,000 lb	21443	4 lb	\$470.00
10,000 lb	21444	4 lb	\$470.00
15,000 lb	21445	7 lb	\$590.00
20,000 lb***	17045	17 lb	\$995.00
20,000 lb	21446	17 lb	\$925.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$40.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$40.00
Replacement Agriculture Scale Load Cell - 40 ft Cable			
10,000 lb	151746	5 lb	\$493.00

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

***These load cells have 30ft or 35ft of cable and trimmed outputs and are used in many batch plants

Dimensions

Rated Capacity	A	B	C	D	E
lb/in					
25 to 300	1/4-28 UNF	0.75	0.50	2.00	2.50
500 to 1,500	1/2-20 UNF	1.00	0.75	2.00	2.50
2,000 to 2,500	1/2-20 UNF	1.25	1.00	2.00	2.50
3,000	1/2-20 UNF	1.25	1.00	3.00	4.00
5,000 to 10,000	3/4-16 UNF	1.25	1.22	3.00	4.00
15,000	1-12 UNF	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.25	2.00	5.00	7.00

Interchangeable Products

ARTECH®

20210 (1-14 UNF) (15,000 lb thread is 1-12 UNF for Rice Lake model)

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
**ITCM Isolated
Tension Cell Mount**

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 5) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft
30 ft (pn 17044 and 17045)
35 ft (pn 21356)

Cable Diameter:

0.200 in
Polyurethane jacket

Cable Color Code:

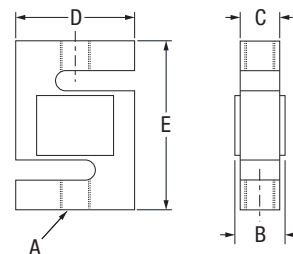
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 90-158
cFMus





Picture is a representation of actual product.

Approvals



Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
100 lb	46511	2 lb	\$315.00
250 lb	46503	2 lb	\$315.00
300 lb	181826	2 lb	\$315.00
500 lb	46504	2 lb	\$315.00
750 lb	46505	2 lb	\$315.00
1,000 lb	46506	2 lb	\$315.00
2,500 lb	46507	2 lb	\$315.00
3,000 lb	46508	4 lb	\$345.00
5,000 lb	46509	4 lb	\$505.00
10,000 lb	46510	4 lb	\$525.00
Non-NTEP Certified			
50 lb	17013	2 lb	\$315.00
15,000 lb	158375	7 lb	\$715.00
20,000 lb	158376	13 lb	\$950.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$40.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$40.00

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Dimensions

Rated Capacity	A	B	C	D	E
lb/in					
50 to 300	1/4-28 UNF	0.65	0.46	2.00	2.40
500 to 1,000	1/2-20 UNF	0.90	0.71	2.00	2.40
2,500	1/2-20 UNF	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90
10,000	3/4-16 UNF	1.40	1.21	3.00	3.90
15,000	1-14 UNS	1.63	1.46	3.44	5.50
20,000	1 1/4-12 UNF	1.88	1.68	4.44	7.00

Interchangeable Products

VPG® REVERE

9363

ARTECH®

20210

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

ITCM Isolated

Tension Cell Mount

Specifications

Full Scale Output:

3.0 (± 0.008) mV/V

Output Resistance:

350 (± 3.5) ohm

Input Resistance:

390 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

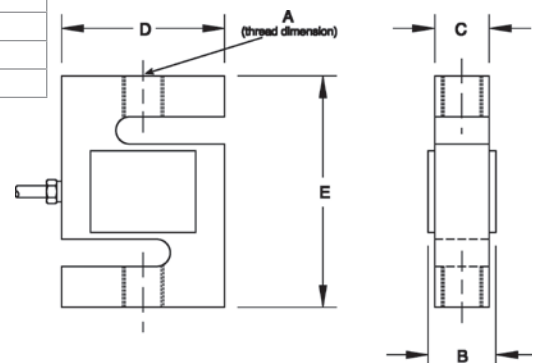
Warranty:

Two-year limited

Approvals:

NTEP 98-078

cFMus



S-BEAM
RL20000ST

Stainless Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class IIIL Single Cell, IP67

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals



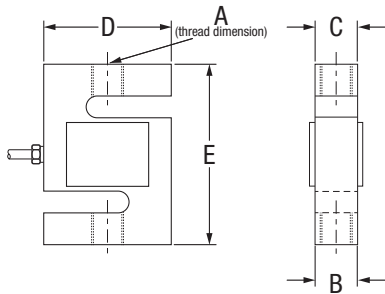
Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	72741	2 lb	\$335.00
100 lb	72742	2 lb	\$335.00
200 lb	72743	2 lb	\$335.00
250 lb	72744	2 lb	\$335.00
300 lb	72745	2 lb	\$335.00
500 lb	72746	2 lb	\$335.00
750 lb	72747	2 lb	\$335.00
1,000 lb	72748	2 lb	\$335.00
1,500 lb	72749	2 lb	\$335.00
2,000 lb	72750	2 lb	\$335.00
2,500 lb	72751	2 lb	\$335.00
3,000 lb	72752	4 lb	\$440.00
5,000 lb	72753	4 lb	\$545.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$40.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$40.00

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit.

Dimensions

Rated Capacity	A	B	C	D	E
lb/in					
50 to 300	1/4-28 UNF	0.65	0.46	2.00	2.40
500 to 1,000	1/2-20 UNF	0.90	0.71	2.00	2.40
1,500 to 2,500	1/2-20 UNF	1.15	0.96	2.00	2.40
3,000	1/2-20 UNF	1.15	0.96	3.00	3.90
5,000	3/4-16 UNF	1.15	0.96	3.00	3.90



Specifications

- Full Scale Output:**
3.0 mV/V
- Output Resistance:**
350 (± 3.5) ohm
- Input Resistance:**
430 (± 60) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Rated Excitation:**
5 to 10 VDC (15 V maximum)
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
5,000 megohm
- Cable Length:**
20 ft
- Cable Diameter:**
0.190 in
Polyurethane jacket
- Cable Color Code:**
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:**
Two-year limited
- Approvals:**
NTEP 03-007
FM



Picture is a representation of actual product.

Approvals



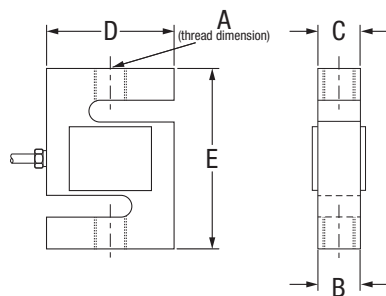
Order Information

Load Rating	Part #	Est. Weight	Price
250 lb	21402	2 lb	\$290.00
500 lb	21403	2 lb	\$290.00
750 lb	21404	2 lb	\$290.00
1,000 lb	21405	2 lb	\$290.00
1,500 lb	21406	2 lb	\$290.00
2,000 lb	21407	3 lb	\$290.00
2,500 lb	21408	4 lb	\$290.00
3,000 lb	21409	3 lb	\$335.00
5,000 lb	21410	4 lb	\$470.00
10,000 lb	21411	5 lb	\$470.00
15,000 lb	21412	7 lb	\$590.00
20,000 lb	21413	16 lb	\$925.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$40.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$40.00

*PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Dimensions

Rated Capacity	A	B	C	D	E
lb/in					
250	3/8-24 UNF	0.75	0.50	2.00	3.00
500 to 2,000	1/2-20 UNF	1.00	0.75	2.00	3.00
2,500 to 3,000	1/2-20 UNF	1.25	1.00	2.00	3.00
5,000	3/4-16 UNF	1.25	1.00	3.00	4.25
10,000	3/4-16 UNF	1.25	1.00	3.50	4.75
15,000	1-14 UNS	1.50	1.25	4.00	5.50
20,000	1 1/4-12 UNF	2.25	2.00	5.00	7.00



Interchangeable Products

VPG® CELTRON®

STC

VPG® SENSORTRONICS®

60001

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

ITCM Isolated

Tension Cell Mount

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 5) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VAC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 91-046

cFMus



Picture is a representation of actual product.

Approvals

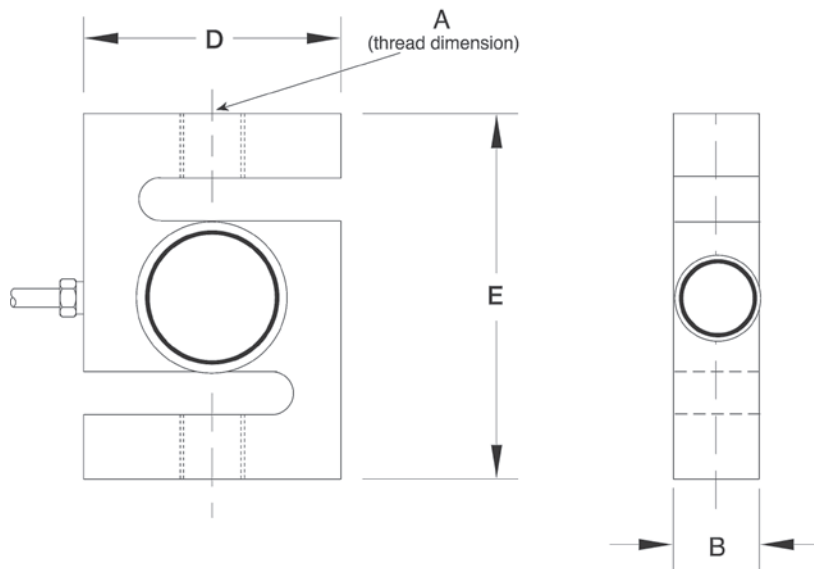


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
500 lb	46469	2 lb	\$900.00
750 lb	46470	2 lb	\$900.00
1,000 lb	46471	2 lb	\$900.00
1,500 lb	46472	2 lb	\$900.00
2,000 lb	46473	2 lb	\$900.00
2,500 lb	46474	2 lb	\$900.00
3,000 lb	46475	2 lb	\$900.00
5,000 lb	46476	5 lb	\$1,200.00
Non-NTEP Certified			
10,000 lb	36292	5 lb	\$1,205.00

Dimensions

Rated Capacity	A	B	D	E
lb/in				
500 to 3,000	1/2-20 UNF	1.00	2.00	3.00
5,000 to 10,000	3/4-16 UNF	1.00	3.50	4.75



Interchangeable Products

VPG® SENSORTRONICS®
60063

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
**ITCM HE Isolated
Tension Cell Mount**

Specifications

Full Scale Output:

2.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP68

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 98-071

cFMus



Picture is a representation of actual product.

Approvals

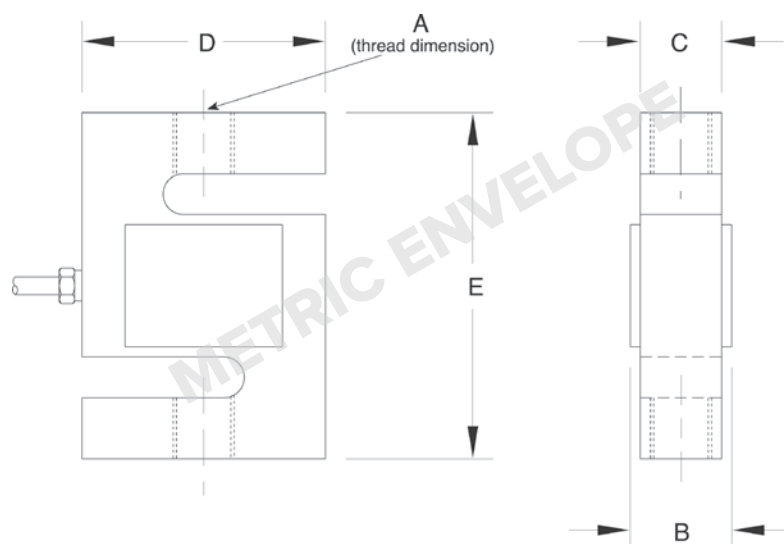


Order Information

Load Rating	Part #	Est. Weight	Price
250 kg	31254	2 lb	\$315.00
500 kg	31255	2 lb	\$315.00
1,000 kg	31256	2 lb	\$315.00
2,500 kg	31257	3 lb	\$485.00

Dimensions

Rated Capacity	A	B	C	D	E
kg/mm					
250 to 1,000	M12 × 1.75-6H	25.4	19.1	50.8	76.0
2,500	M20 × 1.5-6H	31.8	25.4	76.2	108.0



Specifications

Full Scale Output:

3.0 mV/V ± 0.25%

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Alloy steel

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VAC/DC (15V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

6 m

Cable Diameter:

5 mm

Polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

OIML R60/1991-GB-95-09
cFMus

RL32022

Alloy Steel, Environmentally Sealed, OIML C3, IP67

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

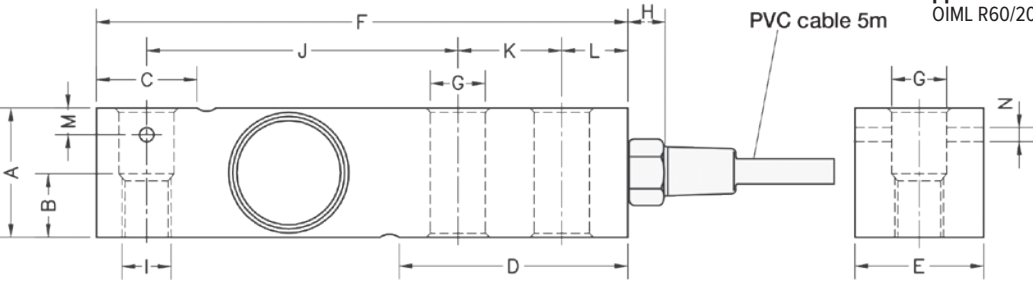


Order Information

Load Rating	Part #	Est. Weight	Price
300 kg	211630	0.9 kg	\$315.00
500 kg	211631	0.9 kg	\$315.00
750 kg	211632	0.9 kg	\$315.00
1,000 kg	211633	0.9 kg	\$315.00
1,500 kg	211634	0.9 kg	\$315.00
2,000 kg	211635	0.9 kg	\$315.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
kg/mm														
300 to 2,000	31.5	15.0	34.6	56.0	31.5	130.0	13.5	18.0	M12	76.2	25.4	15.8	6.5	3.5



Specifications

- Full Scale Output:**
2.0 mV/V $\pm$ 0.05%
mV/V/ohm calibration
- Output Resistance:**
350 ($\pm$ 3) ohm
- Input Resistance:**
400 ($\pm$ 20) ohm
- Material/Finish:**
Alloy steel, nickel plated
- Temperature:**
Compensated:
-14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**
Environmentally sealed, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
10 VDC (15 V maximum)
- Combined Error:**
0.017% full scale
- Insulation Resistance:**
> 5,000 megohm
- Deflection at Capacity:**
0.2 to 0.4 mm
- Cable Length:**
5 m
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
- Warranty:**
Two-year limited
- Approvals:**
OIML R60/2017-A-NL1-22.11



Picture is a representation of actual product.

Approvals



Order Information

Load Rating	Part #	Est. Weight	Price
300 kg	211636	0.9 kg	\$350.00
500 kg	211637	0.9 kg	\$350.00
750 kg	211638	0.9 kg	\$350.00
1,000 kg	211639	0.9 kg	\$350.00
1,500 kg	211640	0.9 kg	\$350.00
2,000 kg	211641	0.9 kg	\$350.00
3,000 kg	211642	2.2 kg	\$445.00
5,000 kg	211643	2.2 kg	\$445.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
kg/mm														
300 to 2,000	31.5	15.0	34.6	56.0	31.5	130.0	13.5	18.0	M12	76.2	25.4	15.8	6.5	3.5
3,000 to 5,000	48.0	-	37.0	76.0	41.5	171.5	20.5	18.0	-	95.2	38.1	19.0	-	-

Specifications

Full Scale Output:

2.0 mV/V $\pm$ 0.05%
mV/V/ohm calibration

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
-14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

5 m

Cable Color Code:

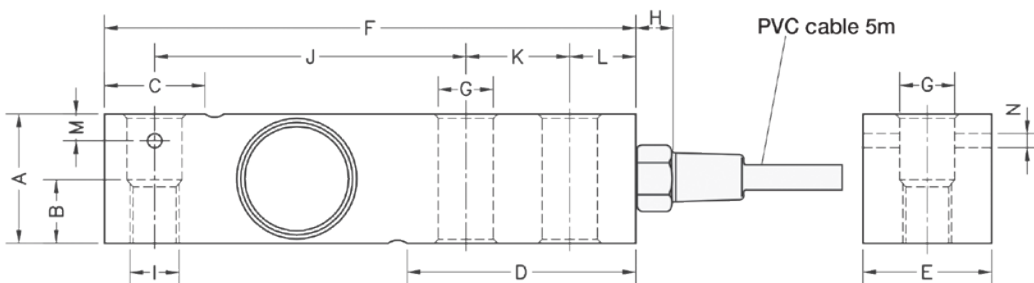
Green +Excitation
Black -Excitation
Red +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

OIML R60/2017-A-NL1-22.11



RL32018

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66

LOAD CELLS /
WEIGH MODULES

Picture is a representation of actual product.

Approvals



Order Information

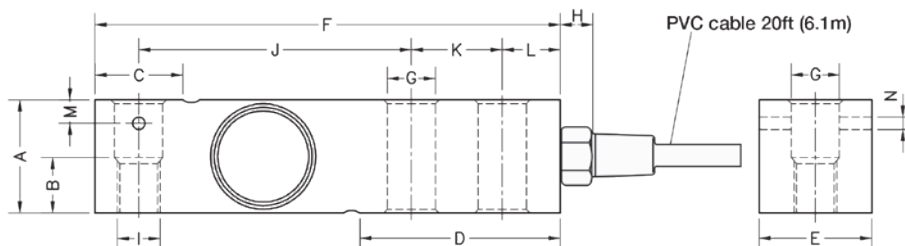
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
500 lb*	189151	2 lb	\$315.00
1,000 lb	189152	2 lb	\$315.00
1,500 lb	191732	2 lb	\$315.00
2,000 lb	189153	2 lb	\$315.00
2,500 lb	189154	2 lb	\$315.00
3,000 lb	189155	5 lb	\$315.00
4,000 lb	189156	5 lb	\$315.00
5,000 lb SE	189157	5 lb	\$315.00
5,000 lb LE	189158	5 lb	\$400.00
10,000 lb	189159	5 lb	\$400.00
Non-NTEP Certified			
250 lb	189150	2 lb	\$315.00
15,000 lb	189160	10 lb	\$685.00
20,000 lb	189161	10 lb	\$685.00
With Overbraided Cable			
2,500 lb	209166	10 lb	\$350.00
20,000 lb*	197558	10 lb	\$770.00

SE=small envelope; LE=large envelope

* Pending NTEP

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
250 to 500	1.00	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	0.75	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000 to 20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-



Interchangeable Products

VPG® SENSORTRONICS®

65023A

VPG® CELTRON®

SQB

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Specifications

Full Scale Output:

3.0 mV/V $\pm$ 0.05%
mV/V/ohm calibration

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Alloy steel, nickel plated

Temperature:

Compensated:
-14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 18-106
cFMS FM18US0307X

SINGLE-ENDED BEAM
RL32018 MLC Coated

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP66



Picture is a representation of actual product.

Approvals



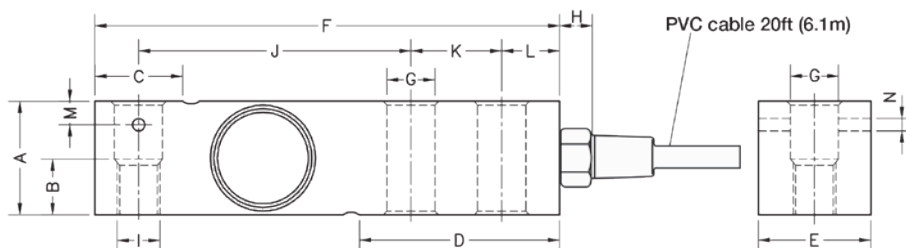
Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	207842	2 lb	\$345.00
1,500 lb	207843	2 lb	\$345.00
2,000 lb	207844	2 lb	\$345.00
2,500 lb	207845	2 lb	\$345.00
3,000 lb	207846	5 lb	\$345.00
4,000 lb	207847	5 lb	\$345.00
5,000 lb SE	207848	5 lb	\$345.00
5,000 lb LE	207850	5 lb	\$435.00
10,000 lb	207851	5 lb	\$435.00
Non-NTEP Certified			
15,000 lb	207852	10 lb	\$715.00
20,000 lb	207853	10 lb	\$715.00

SE=small envelope; LE=large envelope

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000 to 20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-



Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Specifications

Full Scale Output:

3.0 mV/V $\pm$ 0.05%
mV/V/ohm calibration

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Alloy steel, nickel plated, coated

Temperature:

Compensated:
-14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 18-106
cFMus

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals



Order Information

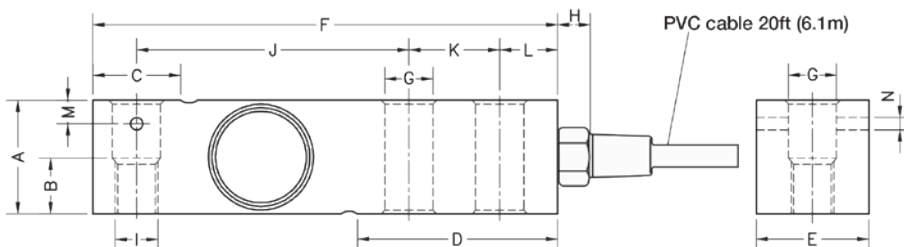
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
500 lb*	189163	3 lb	\$345.00
1,000 lb	189164	3 lb	\$345.00
2,000 lb	189165	3 lb	\$345.00
2,500 lb	189166	3 lb	\$345.00
4,000 lb	189167	3 lb	\$345.00
5,000 lb SE	189168	3 lb	\$345.00
5,000 lb LE	189169	5 lb	\$440.00
10,000 lb	189170	5 lb	\$440.00
Non-NTEP Certified			
250 lb	189162	3 lb	\$345.00
15,000 lb	189171	10 lb	\$740.00
20,000 lb	189172	10 lb	\$740.00

SE=small envelope; LE=large envelope

*Pending NTEP

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
250 to 500	1.00	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	-	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-
15,000 to 20,000	2.00	-	-	4.00	2.00	8.75	1.06	-	1-14 UNS	4.90	2.00	1.00	-	-



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35023S

VPG® SENSORTRONICS®

65023S

VPG SENSORTRONICS

65023SS

VPG® CELTRON®

SQB-HSS

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Specifications

Full Scale Output:

3.0 mV/V $\pm$ 0.05%
mV/V/ohm calibration

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating range
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 18-106
cFMus



Picture is a representation of actual product.

Approvals



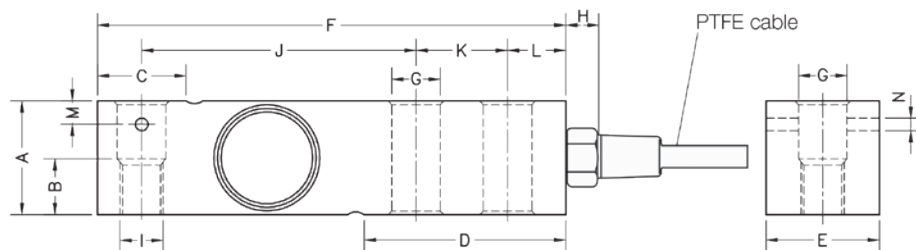
Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	190654	3 lb	\$375.00
2,000 lb	190655	3 lb	\$375.00
2,500 lb	190656	3 lb	\$375.00
4,000 lb	190657	3 lb	\$375.00
5,000 lb SE	190658	3 lb	\$375.00
5,000 lb LE	190659	5 lb	\$415.00
10,000 lb	190660	5 lb	\$415.00

SE=small envelope; LE=large envelope

Dimensions

Rated Capacity lb/in	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.25	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	—	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	—	—



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL32018S-HE

VPG® SENSORTRONICS®

65083

VPG® CELTRON®

SQB-HSS

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Specifications

Full Scale Output:

3.0 mV/V ± 0.05%
mV/V/ohm calibration

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
-14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

20 ft PTFE cable

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

RL32018S-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K



Picture is a representation of actual product.

Approvals



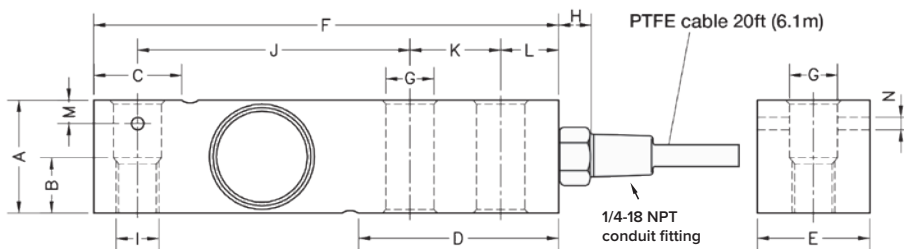
Order Information

Load Rating	Part #	Est. Weight	Price
500 lb	189175	3 lb	\$430.00
1,000 lb	189176	3 lb	\$430.00
2,000 lb	189178	3 lb	\$430.00
2,500 lb	189179	3 lb	\$430.00
4,000 lb	189181	3 lb	\$430.00
5,000 lb SE	208667	3 lb	\$430.00
5,000 lb LE	189182	5 lb	\$475.00
10,000 lb	189183	5 lb	\$475.00

SE=small envelope; LE=large envelope

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
500 to 5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 to 10,000	1.50	0.75	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL32018S-P (non-NTEP)

VPG® SENSORTRONICS®

65083

VPG® CELTRON®

SQB-HSS

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Specifications

Full Scale Output:3.0 mV/V $\pm 0.05\%$
mV/V/ohm calibration**Output Resistance:**350 (± 3) ohm**Input Resistance:**400 (± 20) ohm**Material/Finish:**

Stainless steel

Temperature:Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 93 °C)**Seal Type:**

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

>5,000 megohm

Cable Length:

20 ft PTFE cable

Cable Color Code:Red +Excitation
Black -Excitation
Green +Signal
White -Signal**Warranty:**

Two-year limited

Approvals:NTEP 18-106
cFMus

SINGLE-ENDED BEAM RL32019S-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K



Picture is a representation of actual product.

Approvals



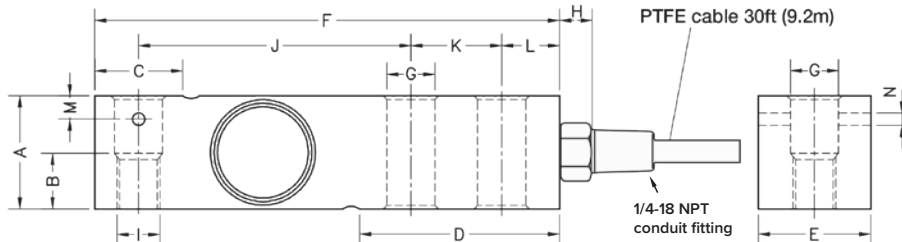
Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	191629	4 lb	\$450.00
2,500 lb	191630	4 lb	\$450.00
4,000 lb	191631	4 lb	\$450.00
5,000 lb SE	208668	4 lb	\$450.00
5,000 lb LE	191632	6 lb	\$495.00
10,000 lb	191633	6 lb	\$495.00

SE=small envelope; LE=large envelope

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	0.75	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	—	—



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL35082
VPG® SENSORTRONICS®
65083S (20 ft cable)

Specifications

Full Scale Output:

2.0 mV/V $\pm$ 0.05%
mV/V/ohm calibration

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 93 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

30 ft PTFE cable

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 18-106
cFMus

LOAD CELLS /
WEIGH MODULES

RL32218S-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP69K

LOAD CELLS /
WEIGH MODULES

Picture is a representation of actual product.

Approvals



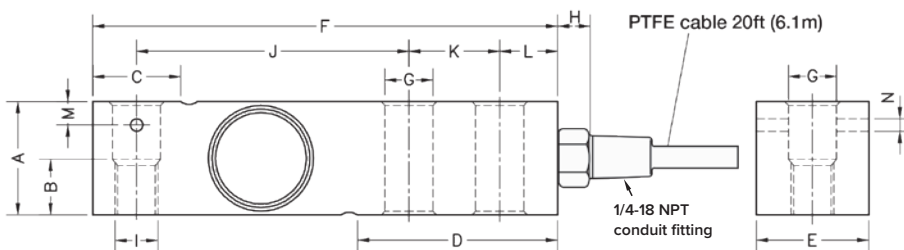
Order Information

Load Rating	Part #	Est. Weight	Price
RL32218S-HE PTFE Cable			
1,000 lb	191634	3 lb	\$430.00
2,500 lb	191635	3 lb	\$430.00
4,000 lb	191636	3 lb	\$430.00
5,000 lb SE	208669	3 lb	\$430.00
5,000 lb LE	191637	5 lb	\$475.00
10,000 lb	191638	5 lb	\$475.00
RL32218S-HE Rodent Protection Cable			
1,000 lb	223599	3 lb	\$440.00
2,500 lb	209620	3 lb	\$440.00
4,000 lb	223600	3 lb	\$440.00
5,000 lb LE	223601	5 lb	\$525.00
10,000 lb	222973	5 lb	\$525.00

SE=small envelope; LE=large envelope

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
lb/in														
1,000 to 5,000 SE	1.24	0.59	0.96	2.20	1.24	5.12	0.53	0.70	1/2-20 UNF	3.00	1.00	0.62	0.25	0.13
5,000 LE to 10,000	1.50	0.75	1.45	2.99	1.50	6.75	0.80	0.70	3/4-16 UNF	3.75	1.50	0.75	-	-



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL35082

RICE LAKE WEIGHING SYSTEMS

RL32019S-HE

VPG® SENSORTRONICS®

65083S

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Specifications

Full Scale Output:

2.0 mV/V $\pm$ 0.05%
mV/V/ohm calibration

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)Operating:
0 °F to 150 °F (-18 °C to 93 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

20 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 18-106
cFMus



Picture is a representation of actual product.

Approvals

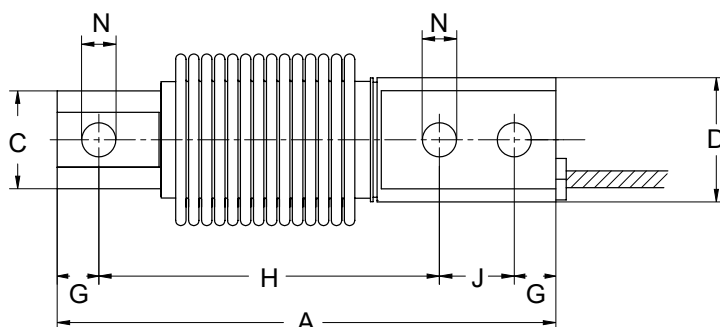
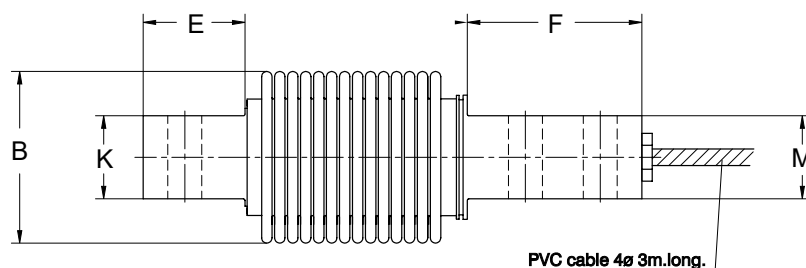


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
5 kg	188691	2 lb	\$525.00
10 kg	188692	2 lb	\$525.00
20 kg	188693	2 lb	\$525.00
30 kg	188694	2 lb	\$525.00
50 kg	188702	2 lb	\$525.00
75 kg	188695	2 lb	\$525.00
100 kg	188696	2 lb	\$525.00
200 kg	188697	2 lb	\$525.00
250 kg	188698	2 lb	\$525.00
300 kg	188699	2 lb	\$525.00
500 kg	188700	2 lb	\$525.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	M	N
kg/mm												
5 to 500	120.0	41.5	23.5	30.0	24.5	42.0	10.0	82.0	18.0	20.0	20.0	8.2



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RLHBB

Specifications

Full Scale Output:

2.0 mV/V $\pm$ 10%

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP68/IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.2 to 0.4 mm

Cable Length:

3 m

PVC cable

Cable Color Code:

Blue +Excitation

Black -Excitation

White +Signal

Red -Signal

Green +Sense

Yellow -Sense

Warranty:

Two-year limited

Approvals:

NTEP 18-107

OIML R60/2017-A-NL1-19.27

cFMus FM18US0307X



Picture is a representation of actual product.

Approvals



Order Information

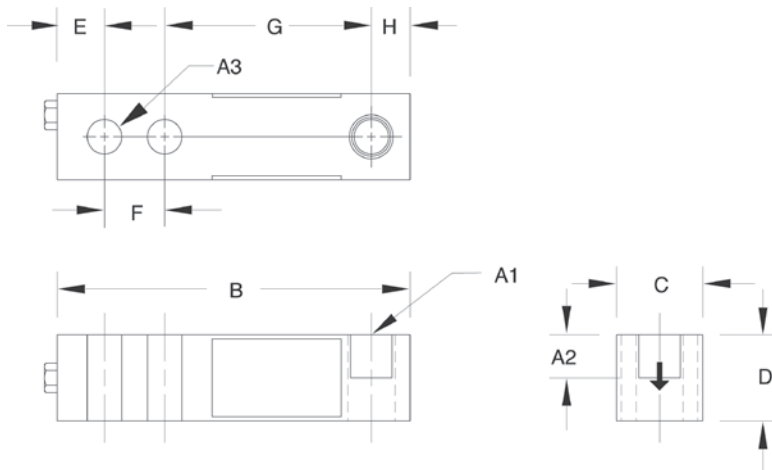
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	21491	3 lb	\$315.00
2,000 lb	21493	3 lb	\$315.00
2,500 lb	21495	3 lb	\$315.00
3,000 lb	21497	3 lb	\$315.00
4,000 lb	21498	3 lb	\$315.00
5,000 lb SE	21500	3 lb	\$315.00
5,000 lb LE	21501	5 lb	\$400.00
10,000 lb	21503	5 lb	\$400.00
Non-NTEP Certified			
250 lb	17341	3 lb	\$315.00
500 lb	17342	3 lb	\$315.00
20,000 lb	17109	10 lb	\$685.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$40.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$40.00

SE=small envelope; LE=large envelope

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Dimensions

Rated Capacity	A1	A2	A3	B	C	D	E	F	G	H
lb/in										
250 to 5,000 SE	1/2-20 UNF	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000 LE to 10,000	3/4-16 UNF	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75
20,000	1-14 UNF	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00



Interchangeable Products

VPG® REVERE

5123

VPG® TEDEA-HUNTLEIGH®

3411

ARTECH®

30310

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL50210TA

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 ± 3 ohm

Input Resistance:

385 ± 5 ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VAC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

250 to 1,000 lb: 0.013 in

2,000 to 3,000 lb: 0.015 in

4,000 to 5,000 lb: 0.025 in

10,000 lb: 0.032 in

20,000 lb: 0.038 in

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 98-043

cFMus

SINGLE-ENDED BEAM RL30002 Thru Hole

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 IIIIL Class III Multiple Cell, IP67



Picture is a representation of actual product.

Approvals



Order Information

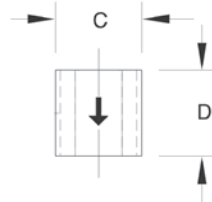
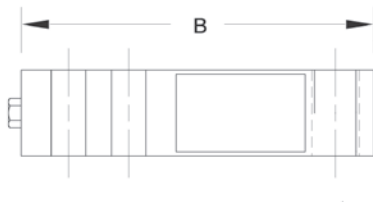
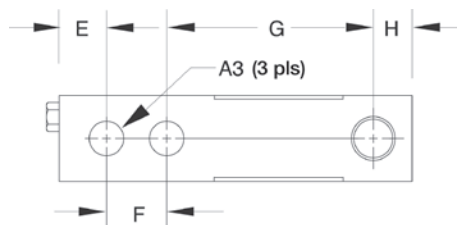
Load Rating	Part #	Est. Weight	Price
NTEP Certified			
1,000 lb	21521	3 lb	\$315.00
2,000 lb	21522	3 lb	\$315.00
2,500 lb	21523	3 lb	\$315.00
4,000 lb	21524	3 lb	\$315.00
5,000 lb SE	21525	3 lb	\$315.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$40.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$40.00

SE=small envelope

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Dimensions

Rated Capacity	A3	B	C	D	E	F	G	H
lb/in								
1,000 to 5,000 SE	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

3410

ARTECH®

30210

Specifications

Full Scale Output:

3.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

1,000 lb: 0.013 in

2,000 to 2,500 lb: 0.015 in

4,000 to 5,000 lb: 0.025 in

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

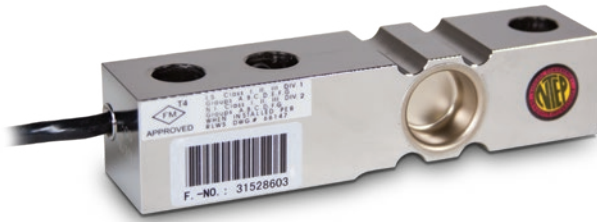
Two-year limited

Approvals:

NTEP 98-043

cFMus

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

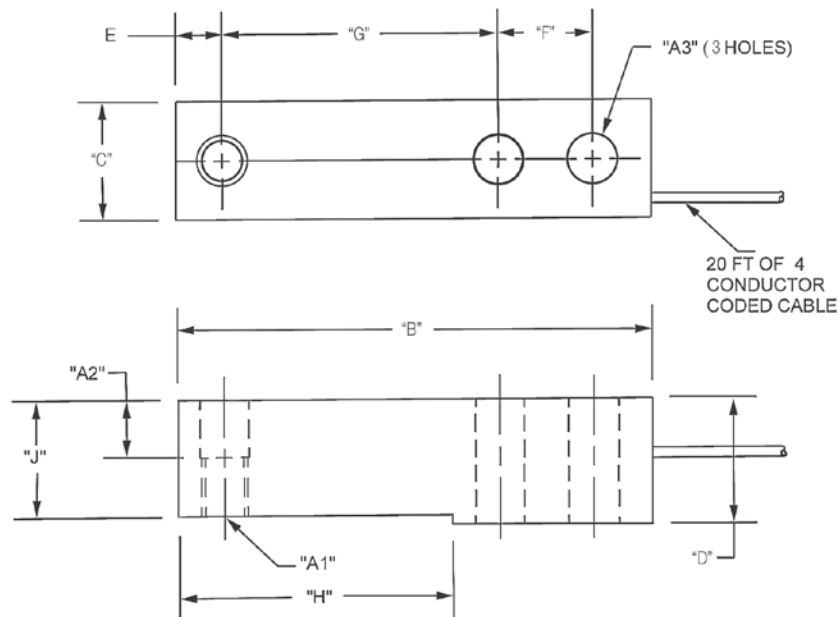


Order Information

Load Rating	Part #	Est. Weight	Price
500 lb	106038	4 lb	\$475.00

Dimensions

Rated Capacity	A1	A2	A3	C	D	B	E	F	G	H	J
lb/in											
500	1/2-20 UNF	0.62	0.53	1.21	1.19	5.12	0.50	1.00	3.00	2.85	1.120



Interchangeable Products

HBK®
H35
 METTLER TOLEDO®
500 lb-8 ft cable
 TB601019-008
1,000 lb-20 ft cable
 TB601016-020
2,500 lb-8 ft cable
 TB601016-008

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

350 ohm, nominal

Input Resistance:

385 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.02 in

Cable Length:

20 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Warranty:

Two-year limited

Approvals:

NTEP 06-023

FM

Interchangeable Products

VPG® REVERE

9123

ARTECH®

SS30310**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

RL50210TA

RICE LAKE WEIGHING SYSTEMS

RL1800 Series

Picture is a representation of actual product.

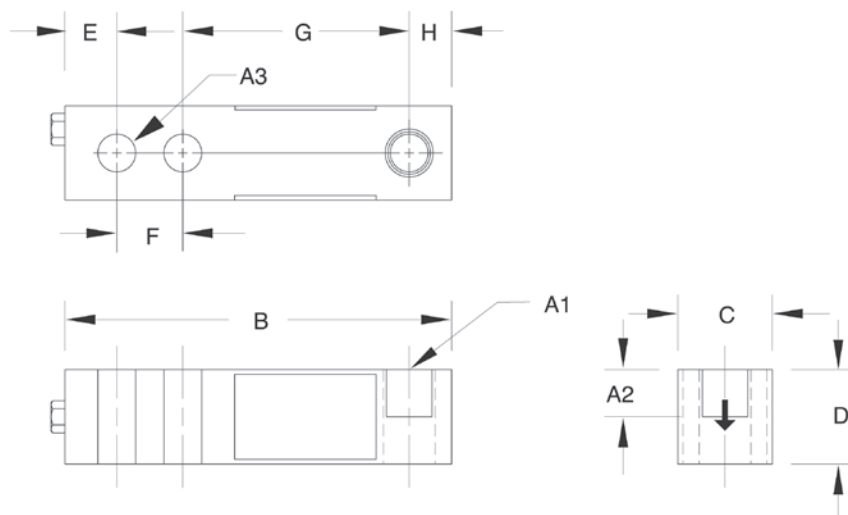
Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
20 ft Cables			
250 lb	17386	3 lb	\$344.00
500 lb	17387	3 lb	\$344.00
1,000 lb	17189	3 lb	\$344.00
2,500 lb	17191	3 lb	\$344.00
4,000 lb	17193	3 lb	\$344.00
5,000 lb	17194	5 lb	\$439.00
10,000 lb	17195	5 lb	\$439.00
30 ft Cables			
4,000 lb	95562	3 lb	\$365.00
Conduit Adapter Kit (must be factory installed to maintain warranty)			
3/8-24 nipple	31533*	1 lb	\$40.00
3/8-24 to 1/4-18 NPT	31534*	1 lb	\$40.00

* PN 31533 and PN 31534 must be installed together to form the Conduit Adapter Kit

Dimensions

Rated Capacity	A1	A2	A3	B	C	D	E	F	G	H
lb/in										
250 to 4,000	1/2-20 UNF	0.60	0.53	5.12	1.25	1.25	0.62	1.00	3.00	0.50
5,000 to 10,000	3/4-16 UNF	0.75	0.78	6.75	1.50	1.50	0.75	1.50	3.75	0.75

**Specifications****Full Scale Output:**

3.0 mV/V

Output Resistance:

349 to 355 ohm

Input Resistance:

343 to 357 ohm

Material/Finish:

Stainless steel

Temperature:Operating:
0 °F to 150 °F (-18 °C to 65 °C)**Seal Type:**

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:250 to 1,000 lb: 0.013 in
2,000 to 3,000 lb: 0.015 in
4,000 to 5,000 lb: 0.025 in
10,000 lb: 0.32 in**Cable Length:**20 ft
30 ft**Cable Diameter:**0.200 in
Polyurethane jacket**Cable Color Code:**Red +Excitation
Black -Excitation
Green +Signal
White -Signal**Warranty:**

Two-year limited

Approvals:

cFMus

SINGLE-ENDED BEAM RL32018S-T

Stainless Steel, Hermetically Sealed, NTEP Certified, 1:5,000 Class III Multiple Cell, IP69K

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

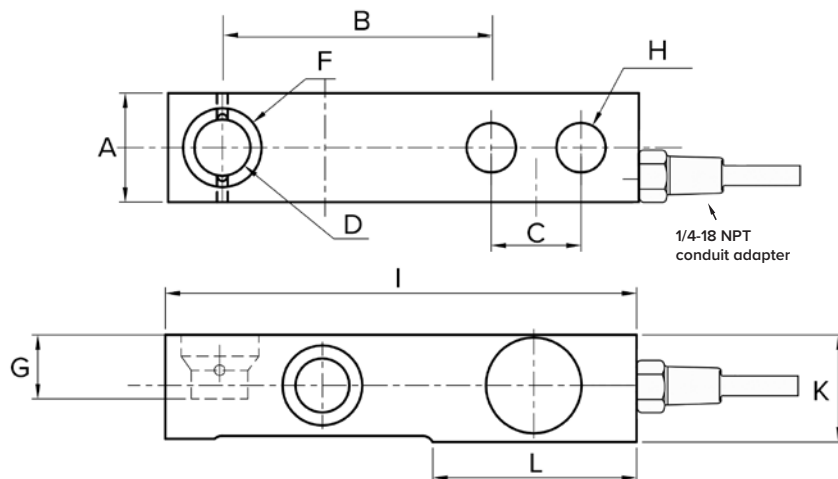


Order Information

Load Rating	Part #	Est. Weight	Price
15 ft Cable			
500 lb	189189	3 lb	\$475.00
1,250 lb	189190	3 lb	\$475.00
2,500 lb	189191	3 lb	\$475.00
5,000 lb	189192	5 lb	\$630.00
10,000 lb	189193	5 lb	\$760.00
30 ft Cable			
500 lb	191974	3 lb	\$505.00
1,250 lb	191975	3 lb	\$505.00
2,500 lb	191976	3 lb	\$505.00
5,000 lb	191977	5 lb	\$665.00
10,000 lb	191978	5 lb	\$790.00
Replacement load pins			
Rocker pin 500 to 2.5 K	108612	1 lb	\$88.00
Rocker pin 5 K	130408	1 lb	\$93.00
Rocker pin 10 K	131376	1 lb	\$134.00
O-ring (two per pin)	108202	1 lb	\$1.00

Dimensions

Rated Capacity	A	B	C	D	F	G	H	I	K	L
lb/in										
500 to 1,250	1.21	3.00	1.00	0.62	0.88	0.68	0.51	5.25	1.19	2.27
2,500	1.21	3.00	1.00	0.62	0.88	0.68	0.51	5.25	1.19	2.27
5,000	1.44	3.00	1.00	0.62	0.88	0.90	0.51	5.38	1.44	2.28
10,000	1.69	3.75	1.50	0.88	1.38	1.15	0.76	6.75	1.69	2.91



Interchangeable Products

METTLER TOLEDO®
TB600529-500 lb
 METTLER TOLEDO
TB600363-1,250 lb
 METTLER TOLEDO
TB600342-2,500 lb
 METTLER TOLEDO
TB600343-5,000 lb
 METTLER TOLEDO
TB600364-10,000 lb
 HBK®
THC

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RLTM

Specifications

Full Scale Output:
 2.0 mV/V $\pm$ 0.05%
 mV/V/ohm calibration

Output Resistance:
 350 ($\pm$ 3) ohm

Input Resistance:
 400 ($\pm$ 20) ohm

Material/Finish:
 Stainless steel

Temperature:
 Compensated:
 14 °F to 104 °F (-10 °C to 40 °C)
 Operating:
 0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:
 Hermetically sealed, IP69K

Safe Overload:
 150% full scale

Rated Excitation:
 5 to 10 VDC

Combined Error:
 0.017% full scale

Insulation Resistance:
 5,000 megohm

Cable Length:
 15 ft
 30 ft

Cable Color Code:
 Green +Excitation
 Black -Excitation
 White +Signal
 Red -Signal
 Shield is attached to element

Warranty:
 Two-year limited

Approvals:
 NTEP 18-106
 cFMus



Picture is a representation of actual product.

Approvals

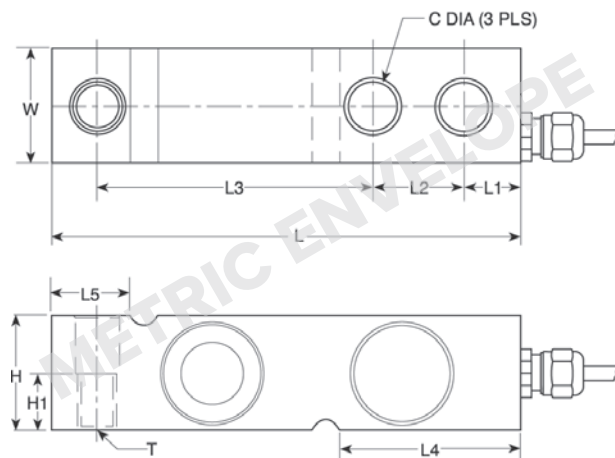


Order Information

Load Rating	Part #	Est. Weight	Price
500 kg	31253	3 lb	\$514.00
1,000 kg	31250	3 lb	\$514.00
2,000 kg	31251	3 lb	\$514.00
5,000 kg	31252	5 lb	\$588.00

Dimensions

Rated Capacity	C	H	H1	L	L1	L2	L3	L4	L5	T	W
kg/mm											
500 to 2,000	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 x 1.75	32.0
5,000	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®
3510-OIML

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
1700 HE

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

380 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP66/68

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% applied load

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

5 m

Cable Diameter:

5 mm
Polyurethane jacket

Cable Color Code:

Blue +Excitation
Black -Excitation
White +Signal
Red - Signal
Green +Sense
Grey -Sense

Warranty:

Two-year limited

Approvals:

OIML
cFMus

RLSSB

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

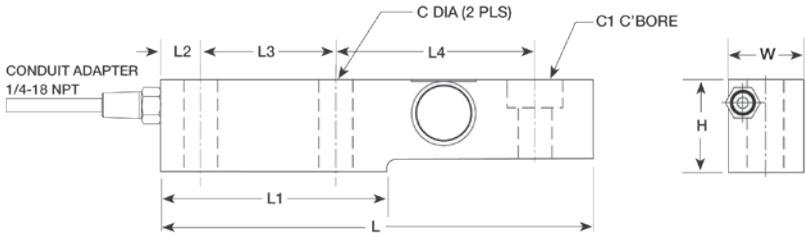


Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	34310	5 lb	\$635.00
2,000 lb	34311	5 lb	\$635.00
5,000 lb	34312	6 lb	\$635.00
10,000 lb	34313	10 lb	\$760.00
Options			
Load cell button (1 K to 5 K)	26112	—	\$37.00

Dimensions

Rated Capacity	C	C1	H	L	L1	L2	L3	L4	W
lb/in									
1,000 to 5,000	0.53	0.68 thru C'Bore 1.19 x 0.47 DP	1.88	8.00	4.00	0.75	2.50	3.88	1.44
10,000	0.88	1.00 thru C'Bore 1.63 x 0.62 DP	2.75	9.25	4.62	0.81	2.63	4.88	1.88



Interchangeable Products

ARTECH®
SS30610

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL1900 Series

Specifications

- Full Scale Output:**
2.0 mV/V
- Bridge Resistance:**
350 ohm, nominal
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**
Welded-seal, IP67
- Safe Overload:**
150% full scale
- Safe Sideload:**
100% full scale
- Rated Excitation:**
5 to 10 VDC (15 V maximum)
- Combined Error:**
0.02% full scale
- Non-repeatability:**
0.01% full scale
- Insulation Resistance:**
5,000 megohm
- Cable Length:**
15 ft
- Cable Diameter:**
0.200 in
Polyurethane jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
- Warranty:**
Two-year limited
- Approvals:**
NTEP 96-053
cFMus

SINGLE-ENDED BEAM RLSB250/RLSB250T

Stainless Steel, Welded Seal, NTEP Certified 1:5,000 Class III Multiple Cell, IP67



PN 116084

Picture is a representation of actual product.

Approvals

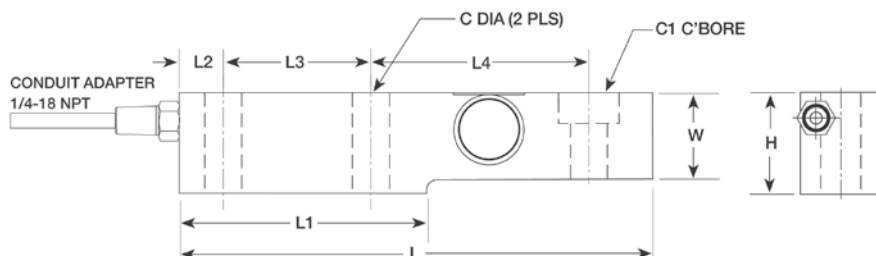


Order Information

Load Rating	Part #	Est. Weight	Price
Threaded			
2,500 lb	116053	6 lb	\$635.00
5,000 lb	116054	6 lb	\$745.00
Thru Hole			
2,500 lb	34482	6 lb	\$635.00
10,000 lb	116055	10 lb	\$745.00
Options			
Load cell button	116084	—	\$11.00

Dimensions

Rated Capacity	C	C1	H	L	L1	L2	L3	L4	T	W
lb/in										
2,500	0.53	1.19 x 0.47 DP	1.93	8.00	4.00	0.75	2.50	3.88	3/4-16 UNF	1.25
5,000	0.53	1.19 x 0.47 DP	1.93	8.00	4.00	0.75	2.50	3.88	3/4-16 UNF	1.45
10,000	—	1.63 x 0.62 DP	2.46	9.00	4.00	0.75	2.00	5.25	—	1.62



Interchangeable Products

CARDINAL®

SB2500*

*No threads in load hole

Specifications

Full Scale Output:

2.0 mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

PN 34482: 15 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

NTEP 96-053

cFMus

LOAD CELLS /
WEIGH MODULES

RL50219SS

Stainless Steel, Environmentally Sealed, IP65

LOAD CELLS /
WEIGH MODULES



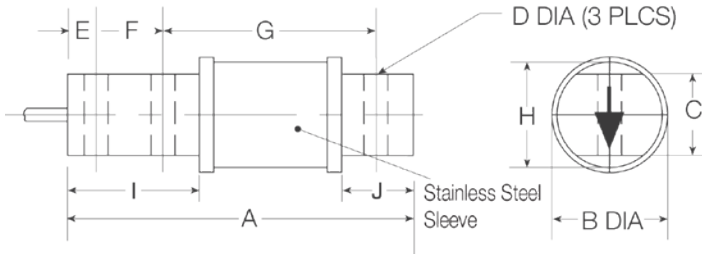
Picture is a representation of actual product.

Order Information

Load Rating	Part #	Est. Weight	Price
25 lb	194014	2 lb	\$450.00
50 lb	194015	2 lb	\$450.00
75 lb	194016	2 lb	\$450.00
100 lb	194017	2 lb	\$450.00
150 lb	194018	2 lb	\$450.00
250 lb	194019	2 lb	\$450.00
500 lb	194020	2 lb	\$450.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25 to 500	2.81	1.26	0.62	0.26	0.25	0.50	1.81	0.90	1.00	0.50



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
RL60040SST

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL50219SS-TA

Specifications

Full Scale Output:
3.0 mV/V

Output Resistance:
350 (± 3) ohm

Input Resistance:
380 to 450 ohm

Material/Finish:
Stainless steel

Temperature:
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:
Environmentally sealed, IP65

Safe Overload:
150% full scale

Rated Excitation:
5 to 10 VDC

Nonlinearity:
0.03% full scale

Hysteresis:
0.02% full scale

Combined Error:
0.017% full scale

Insulation Resistance:
5,000 megohm

Cable Length:
20 ft

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited

NEW

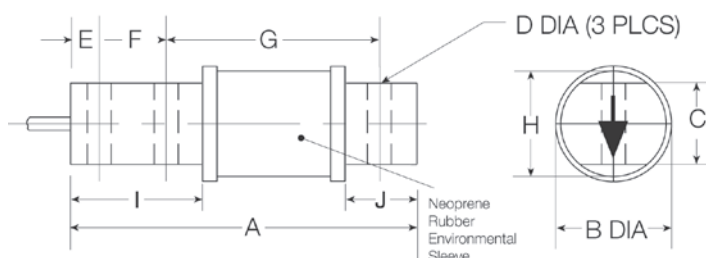
Picture is a representation of actual product.

Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
25 lb	226878	2 lb	\$260.00
50 lb	226879	2 lb	\$260.00
100 lb	226880	2 lb	\$260.00
150 lb	226881	2 lb	\$260.00
250 lb	226882	2 lb	\$260.00
500 lb	226883	2 lb	\$260.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25 to 500	2.81	1.26	0.62	0.26	0.25	0.50	1.81	0.90	1.00	0.50

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

RL50210

RICE LAKE WEIGHING SYSTEMS

RL50219SS

VPG® SENSORTRONICS®

60040

ARTECH®

50210

VPG® REVERE

5503**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

RL50210TA**Specifications****Full Scale Output:**

3.0 mV/V

Output Resistance:

300 ohm

Input Resistance:

360 to 450 ohm

Material/Finish:

Alloy steel, nickel plated

Temperature:Operating:
0 °F to 150 °F (-18 °C to 65 °C)**Seal Type:**

Environmentally sealed, IP65

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:25 to 50 lb: 0.008 in
100 lb: 0.010 in
150 lb: 0.012 in
250 lb: 0.016 in
500 lb: 0.025 in**Cable Length:**

20 ft

Cable Diameter:0.200 in
Polyurethane jacket**Cable Color Code:**Red +Excitation
Black -Excitation
Green +Signal
White -Signal**Warranty:**

Two-year limited

Approvals:

cFMus

RL50210

Alloy Steel, Environmentally Sealed, IP65



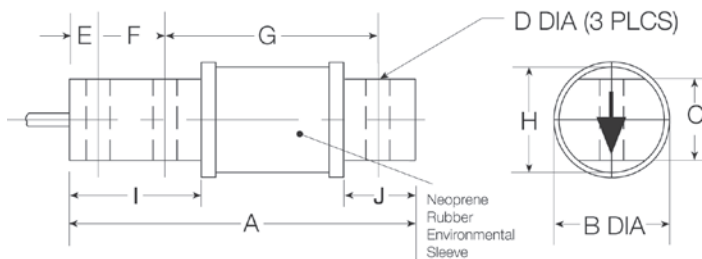
Picture is a representation of actual product.

Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
25 lb	17385	2 lb	\$260.00
50 lb	17380	2 lb	\$260.00
100 lb	17381	2 lb	\$260.00
150 lb	17382	2 lb	\$260.00
250 lb	17383	2 lb	\$260.00
500 lb	17384	2 lb	\$260.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J
lb/in										
25 to 500	2.81	1.30	0.62	0.26	0.25	0.50	1.81	1.00	1.00	0.50

**Interchangeable Products**

RICE LAKE WEIGHING SYSTEMS

RL50219SS

VPG® SENSORTRONICS®

60040

ARTECH®

50210

VPG® REVERE

5503**Weigh Module Available**

RICE LAKE WEIGHING SYSTEMS

RL50210TA**Specifications****Full Scale Output:**

3.0 mV/V

Output Resistance:

349 to 355 ohm

Input Resistance:

360 to 450 ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

25 to 50 lb: 0.008 in

100 lb: 0.010 in

150 lb: 0.012 in

250 lb: 0.016 in

500 lb: 0.025 in

Cable Length:

20 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

cFMus



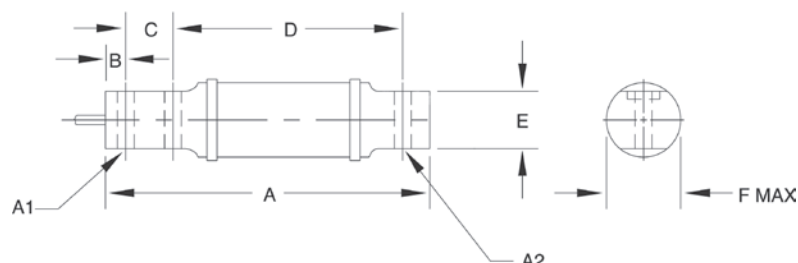
Picture is a representation of actual product.

Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	17395	3 lb	\$595.00
100 lb	17343	3 lb	\$595.00
200 lb	17396	3 lb	\$595.00
250 lb	17397	3 lb	\$595.00
500 lb	17398	3 lb	\$595.00
1,000 lb	17344	3 lb	\$595.00
2,500 lb	17345	9 lb	\$895.00

Dimensions

Rated Capacity	A	A1	A2	B	C	D	E	F	G	H
lb/in										
50 to 100	6.00	0.31	0.31	0.38	0.88	4.25	1.06	1.41	—	—
200 to 1,000	6.62	0.52	0.52	0.50	1.12	4.25	1.06	1.41	—	—
2,500	11.38	0.53	0.62	0.50	1.75	8.25	1.25	2.19	1.19	0.12



Interchangeable Products

HBK®
BBS
 VPG® SENSORTRONICS®
65087
 FAIRBANKS®
3-481XX-1
 FAIRBANKS
3-48660-1
 ARTECH®
40310

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

750 (± 10) ohm

Input Resistance:

800 (±50) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating:
 0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed with neoprene sleeve, IP65

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

50 lb: 0.015 in
 100 lb: 0.005 in
 200 to 250 lb: 0.030 in
 500 lb: 0.025 in
 1,000 lb: 0.040 in
 2,500 lb: 0.120 in

Cable Length:

10 ft

Cable Diameter:

0.200 in
 Polyurethane jacket

Cable Color Code:

Green +Excitation
 Black -Excitation
 White +Signal
 Red -Signal

Warranty:

Two-year limited

RL32011WB-L

Stainless Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, Potted, IP67



Picture is a representation of actual product.

Approvals

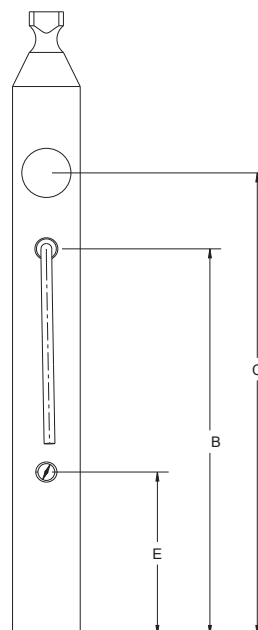
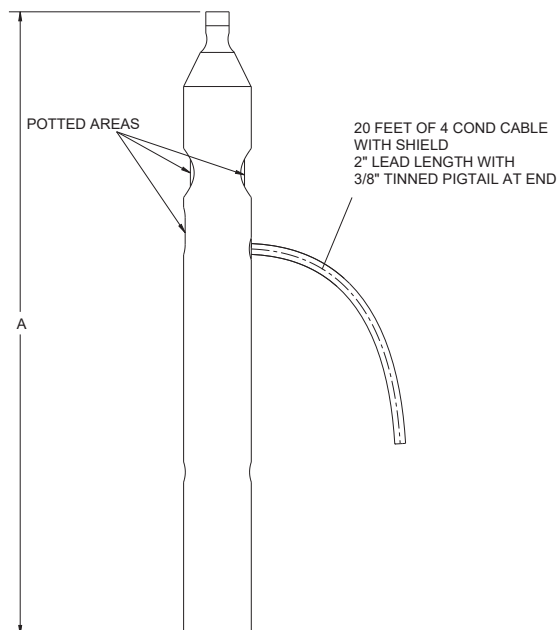
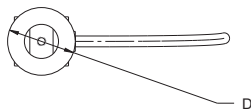


Order Information

Load Rating	Part #	Est. Weight	Price
1,250 lb	119788	5 lb	\$730.00
5,000 lb	119790	9 lb	\$850.00
10,000 lb	119791	17 lb	\$950.00

Dimensions

Rated Capacity lb/in	A	B	C	D	E
1,250	11.50	7.12	8.52	1.25	3.0
5,000	10.9	5.5	7.4	2.0	3.0
10,000	12.6	5.9	8.0	2.5	3.0



Interchangeable Products

AVERY WEIGH TRONIX®
Weigh Bar

Specifications

Full Scale Output:2.0 ($\pm 0.1\%$) mV/V**Output Resistance:**350 (± 3) ohm**Input Resistance:**385 (± 10) ohm**Material/Finish:**

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Non-repeatability: $\pm 0.01\%$ full scale**Insulation Resistance:**

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

NTEP 11-024



Picture is a representation of actual product.

Approvals

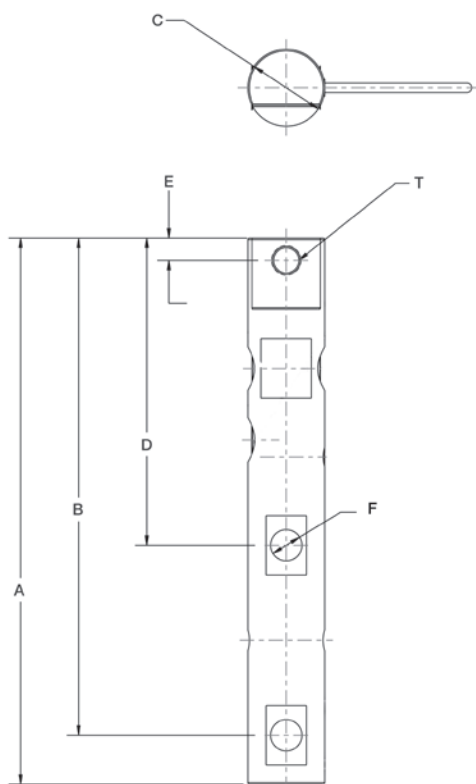


Order Information

Load Rating	Part #	Est. Weight	Price
1,250 lb	119796	3 lb	\$525.00
2,500 lb	119797	3 lb	\$525.00

Dimensions

Rated Capacity lb/in	A	B	C	D	E	F	T
1,250	11.50	10.47	1.25	6.47	0.47	0.53	1/2-13 UNC
2,500	11.50	10.47	1.62	6.47	0.47	0.66	5/8-11 UNC



Interchangeable Products

AVERY WEIGH TRONIX®
Weigh Bar

Specifications

Full Scale Output:

2.0 (± 0.1%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Non-repeatability:

± 0.01% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

20 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

NTEP 11-024



Picture is a representation of actual product.

Approvals

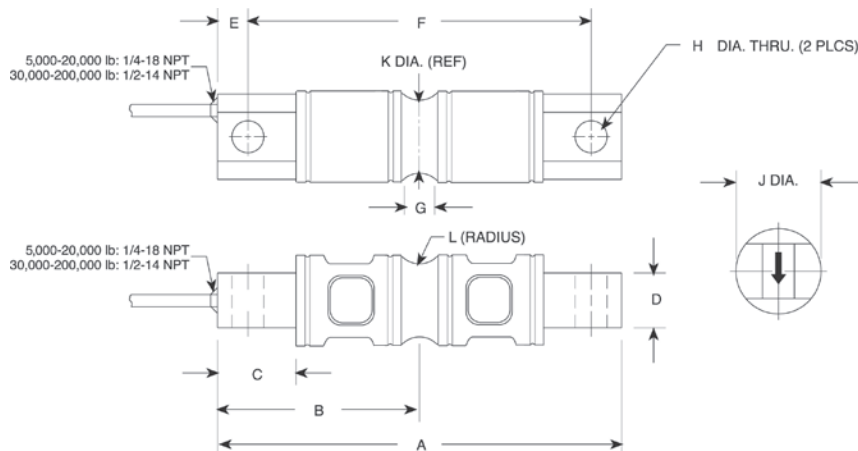


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP			
5,000 lb	201758	5 lb	\$695.00
10,000 lb	201759	6 lb	\$695.00
20,000 lb	201760	7 lb	\$695.00
30,000 lb	201761	18 lb	\$800.00
40,000 lb	201762	18 lb	\$800.00
50,000 lb	201763	18 lb	\$800.00
60,000 lb	201764	18 lb	\$800.00
100,000 lb	201765	28 lb	\$1,563.00
150,000 lb	201766	34 lb	\$1,563.00
200,000 lb	201767	90 lb	\$2,940.00
Non-NTEP			
250,000 lb	201768	93 lb	\$2,940.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
5,000 to 10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000 to 60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000 to 250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00



Interchangeable Products

VPG® REVERE

5103*

ARTECH®

70210

METTLER-TOLEDO®

SLD 430

*Conduit adapter optional

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

5 to 10 k: 700 (± 14) ohm
20 to 150 k: 770 (± 10) ohm
200 to 250 k: 700 (± 14) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

5,000 lb: 0.02 in
10,000 lb: 0.025 in
20,000 lb: 0.042 in
30,000 to 50,000 lb: 0.02 in
60,000 lb: 0.025 in
100,000 lb: 0.02 in

Cable Length:

30 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 21-064
cFMus

Interchangeable Products

VPG® REVERE
9103

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
EZ Mount 1 SS

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

700 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
14 °F to 104 °F (-10 °C to 40 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

30 ft polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 21-064
cFMus

Picture is a representation of actual product.

Approvals

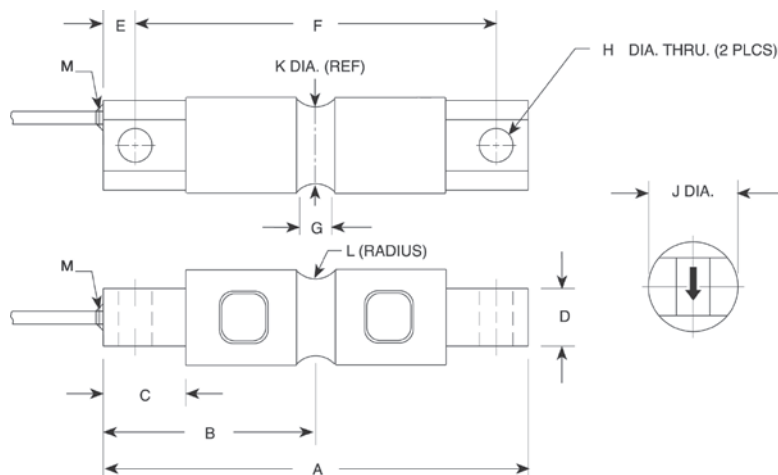


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
10,000 lb	201781	5 lb	\$820.00
20,000 lb	201782	7 lb	\$900.00
30,000 lb	201783	18 lb	\$1,033.00
40,000 lb	201784	18 lb	\$1,033.00
50,000 lb	201785	18 lb	\$1,033.00
60,000 lb	201786	18 lb	\$1,033.00
100,000 lb	201787	28 lb	\$1,960.00
Non-NTEP Certified			
5,000 lb	201780	5 lb	\$820.00
150,000 lb	201788	34 lb	\$2,173.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L	M
lb/in												
5,000 to 10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50	1/4-18 NPT
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50	1/4-18 NPT
30,000 to 60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00	1/2-14 NPT
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50	1/2-14 NPT
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50	1/2-14 NPT



RL72020 MLC Coated

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III/1:10,000 Class IIIL Multiple Cell, IP67

LOAD CELLS /
WEIGH MODULES

Picture is a representation of actual product.

Approvals

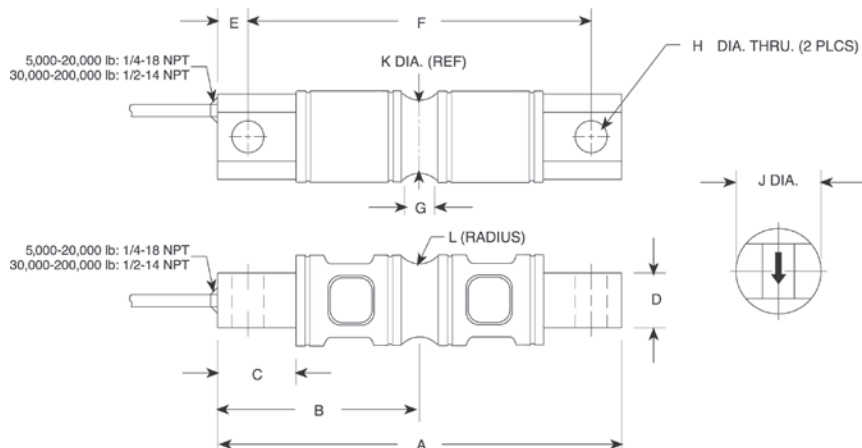


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP			
5,000 lb	201769	5 lb	\$720.00
10,000 lb	201770	6 lb	\$720.00
20,000 lb	201771	7 lb	\$720.00
30,000 lb	201772	18 lb	\$826.00
40,000 lb	201773	18 lb	\$826.00
50,000 lb	201774	18 lb	\$826.00
60,000 lb	201775	18 lb	\$826.00
100,000 lb	201776	28 lb	\$1,615.00
150,000 lb	201777	34 lb	\$1,615.00
200,000 lb	201778	90 lb	\$2,990.00
Non-NTEP			
250,000 lb	201779	93 lb	\$2,990.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	J	K	L
lb/in											
5,000 to 10,000	8.12	4.06	1.44	1.12	0.62	6.88	0.62	0.66	1.70	1.48	0.50
20,000	8.12	4.06	1.44	1.12	0.62	6.88	0.84	0.66	1.95	1.48	0.50
30,000 to 60,000	10.25	5.12	1.88	2.37	0.88	8.50	1.00	1.06	3.20	2.73	1.00
100,000	11.25	5.62	1.88	2.50	0.88	9.50	1.00	1.06	3.50	3.24	1.50
150,000	11.25	5.62	1.88	2.80	0.88	9.50	1.25	1.06	3.90	3.64	1.50
200,000 to 250,000	16.10	8.05	3.05	4.60	1.55	13.00	1.30	1.56	5.38	5.17	2.00



Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
EZ Mount 1

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

5,000 to 10,000 lb: 700 (± 14) ohm

20,000 to 150,000 lb: 770 (± 10) ohm

200,000 to 250,000 lb: 700 (± 14) ohm

Material/Finish:

Alloy steel, coated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

5,000 lb: 0.02 in

10,000 lb: 0.025 in

20,000 lb: 0.042 in

30,000 to 50,000 lb: 0.02 in

60,000 lb: 0.025 in

100,000 lb: 0.02 in

Cable Length:

30 ft

Cable Diameter:

5,000 to 20,000 lb: 0.200 in

30,000 to 250,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 21-064

cFMus



Picture is a representation of actual product.

Approvals

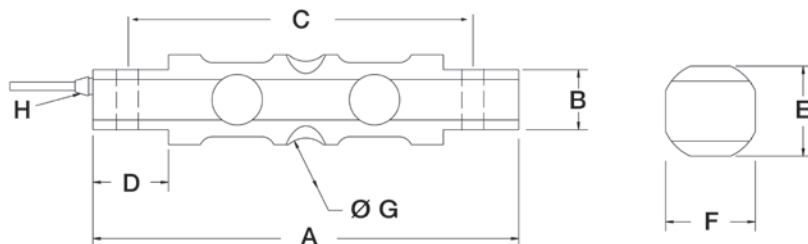


Order Information

Load Rating	Part #	Est. Weight	Price
Non-NTEP			
5,000 lb	194021	5 lb	\$1,160.00
NTEP			
10,000 lb	194022	5 lb	\$1,160.00
20,000 lb	194023	5 lb	\$1,160.00
30,000 lb	194024	20 lb	\$1,585.00
40,000 lb	194025	20 lb	\$1,585.00
50,000 lb	194026	20 lb	\$1,585.00
60,000 lb	194027	20 lb	\$1,585.00

Dimensions

Rated Capacity	A	B	C	D	E	F	ØG	H
lb/in								
5,000 to 20,000	8.12	1.14	6.88	1.44	1.71	1.71	1.00	1/4-18 NPT
30,000 to 60,000	10.25	2.38	8.50	1.88	3.03	3.03	2.00	1/2-14 NPT



Interchangeable Products

VPG® REVERE

9103

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

EZ Mount 1 HE

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

800 (± 30) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Deflection at Capacity:

5000 lb 0.02 in
10,000 lb 0.025 in
20,000 lb 0.03 in
30,000-50,000 lb 0.02 in
60,000 lb 0.025 in

Seal Type:

Welded-seal, IP68

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.5% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 21-064
cFMus



Picture is a representation of actual product.

Approvals

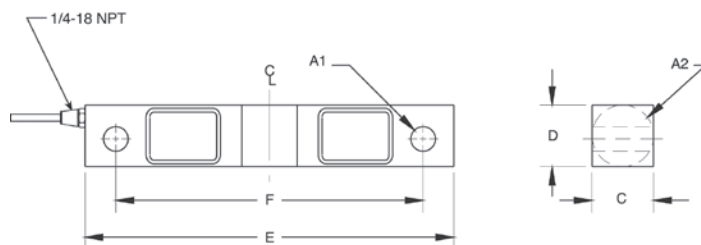


Order Information

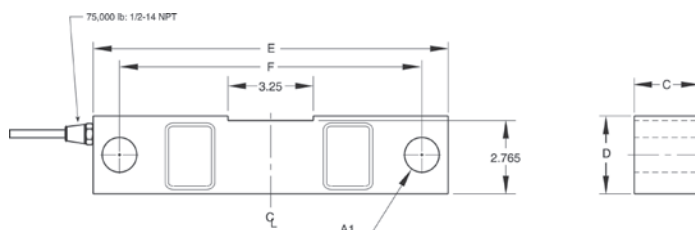
Load Rating	Part #	Est. Weight	Price
1,000 lb	221536	4 lb	\$555.00
1,500 lb	221537	4 lb	\$555.00
2,000 lb	221538	4 lb	\$555.00
2,500 lb	221539	4 lb	\$555.00
3,000 lb	221540	4 lb	\$555.00
5,000 lb	221541	4 lb	\$555.00
10,000 lb	221542	7 lb	\$635.00
15,000 lb	221543	7 lb	\$635.00
20,000 lb	221544	7 lb	\$635.00
25,000 lb	221545	7 lb	\$635.00
50,000 lb	221546	25 lb	\$980.00
75,000 lb	221547	27 lb	\$980.00

Dimensions

Rated Capacity	A1	A2	C	D	E	F
lb/in						
1,000 to 5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000 to 25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	-	2.44	2.94	13.50	11.50



1,000 to 50,000 lb



75,000 lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016

VPG® SENSORTRONICS®

65016

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Deflection at Capacity:

1,000 to 2,500 lb: 0.01 in
5,000 lb: 0.015 in
10,000 to 20,000 lb: 0.022 in
25,000 lb: 0.036 in
50,000 lb: 0.052 in
75,000 lb: 0.07 in

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

cFMus



Picture is a representation of actual product.

Approvals

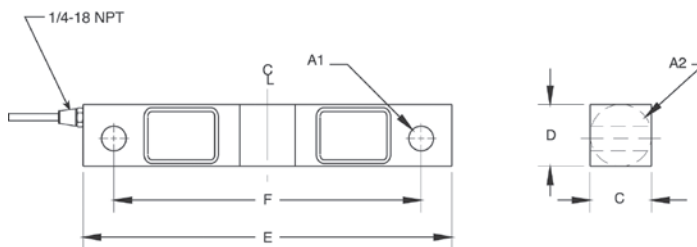


Order Information

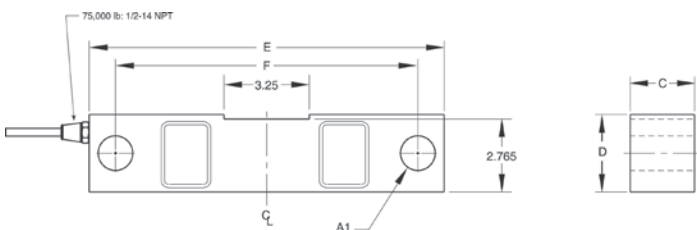
Load Rating	Part #	Est. Weight	Price
1,000 lb	221548	4 lb	\$580.00
1,500 lb	221549	4 lb	\$580.00
2,000 lb	221550	4 lb	\$580.00
2,500 lb	221551	4 lb	\$580.00
5,000 lb	221552	4 lb	\$580.00
10,000 lb	221553	7 lb	\$660.00
15,000 lb	221554	7 lb	\$660.00
20,000 lb	221555	7 lb	\$660.00
25,000 lb	221556	7 lb	\$660.00
50,000 lb	221557	25 lb	\$1,298.00
75,000 lb	221558	27 lb	\$1,298.00

Dimensions

Rated Capacity	A1	A2	C	D	E	F
lb/in						
1,000 to 5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000 to 25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	-	2.44	2.94	13.50	11.50



1,000 to 50,000 lb



75,000 lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL75016SS

RICE LAKE WEIGHING SYSTEMS

RL77032SS HE

RICE LAKE WEIGHING SYSTEMS

RL75016S-W

VPG® SENSORTRONICS®

65016

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Nonlinearity:

0.07% full scale

Hysteresis:

0.02% full scale

Deflection at Capacity:

1,000 to 2,500 lb: 0.01 in

5,000 lb: 0.015 in

10,000 to 20,000 lb: 0.022 in

25,000 lb: 0.036 in

50,000 lb: 0.052 in

75,000 lb: 0.07 in

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Polyurethane

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

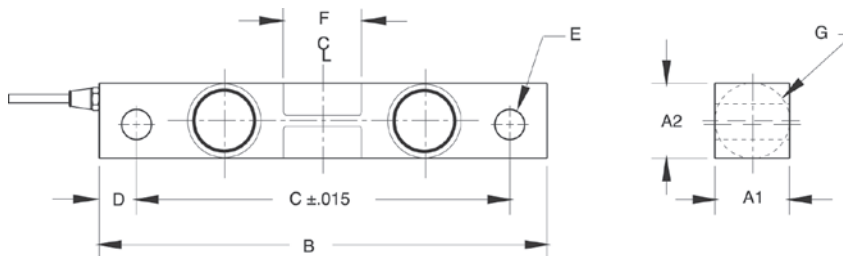
cFmus



FM
C US
APPROVED

Load Rating	Part #	Est. Weight	Price
1,000 lb	221559	4 lb	\$735.00
1,500 lb	221560	4 lb	\$735.00
2,000 lb	221561	4 lb	\$735.00
2,500 lb	221562	4 lb	\$735.00
5,000 lb	221563	4 lb	\$735.00
10,000 lb	221564	7 lb	\$830.00
15,000 lb	221565	7 lb	\$830.00
20,000 lb	221566	7 lb	\$830.00
25,000 lb	221567	7 lb	\$830.00

Rated Capacity	A1	A2	B	C	D	E	F	G	CONDUIT ADAPTER
lb/in									
1,000 to 5,000	1.22	1.22	7.50	6.25	0.62	0.50	1.12	1.25	1/4-18 NPT
10,000 to 25,000	1.44	1.94	8.75	7.50	0.62	0.81	1.62	1.99	1/4-18 NPT



cFMus

Limited Stock Available

DOUBLE-ENDED BEAM

RL75016

Alloy Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals

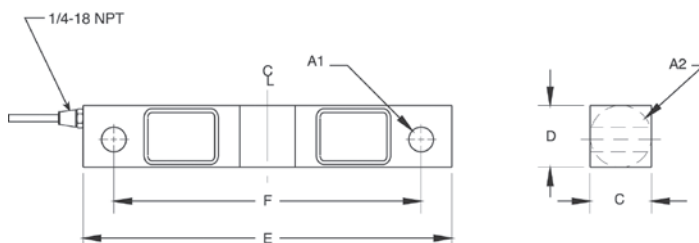


Order Information

Load Rating	Part #	Est. Weight	Price
1,500 lb	17302	4 lb	\$556.00
15,000 lb	17313	7 lb	\$636.00

Dimensions

Rated Capacity	A1	A2	C	D	E	F
lb/in						
1,500	0.50	1.25	1.25	1.25	7.50	6.25
15,000	0.81	1.99	1.44	1.94	8.75	7.50



1,500 to 15,000 lb

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL77032

VP® CELTRON®

DSR

VP® SENSORTRONICS®

65016

VP® REVERE

5203

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

1,500 lb: 0.01 in
15,000 to 20,000 lb: 0.022 in

Cable Length:

25 ft

Cable Diameter:

0.200 in
Polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

LOAD CELLS /
WEIGH MODULES

RL75016 MLC Coated

Alloy Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals



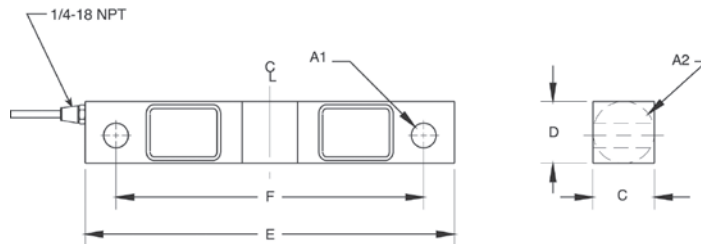
Order Information

Load Rating	Part #	Est. Weight	Price
1,000 lb	187058	4 lb	\$583.00
1,500 lb	187059	4 lb	\$583.00
2,000 lb	187060	4 lb	\$583.00
2,500 lb	187061	4 lb	\$583.00
5,000 lb	187063	4 lb	\$583.00
10,000 lb	187064	7 lb	\$662.00
15,000 lb	187065	7 lb	\$662.00
20,000 lb	187066	7 lb	\$662.00
25,000 lb	187067	7 lb	\$662.00
50,000 lb	187068	25 lb	\$1,007.00
75,000 lb*	187069	27 lb	\$1,007.00

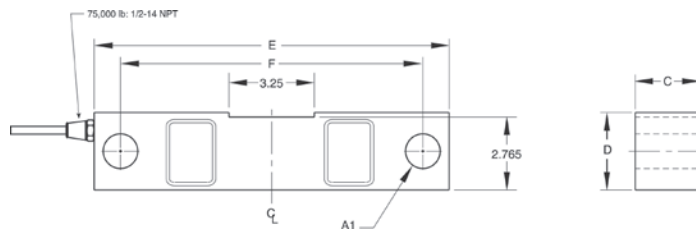
*75,000lb capacity has a square center

Dimensions

Rated Capacity	A1	A2	C	D	E	F
lb/in						
1,000 to 5,000	0.50	1.25	1.25	1.25	7.50	6.25
10,000 to 25,000	0.81	1.99	1.44	1.94	8.75	7.50
50,000	1.31	3.00	2.44	2.94	13.50	11.50
75,000	1.31	—	2.44	2.94	13.50	11.50



1,000 to 50,000lb



75,000lb

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL1600 Series

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Alloy steel, coated

Temperature:

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.03% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

25 ft

Cable Color Code:Red +Excitation
Black -Excitation
Green +Signal
White -Signal**Warranty:**

Two-year limited

Approvals:

cFMus

Limited Stock Available

DOUBLE-ENDED BEAM

RL75016SS

Stainless Steel, Environmentally Sealed, IP67



Picture is a representation of actual product.

Approvals

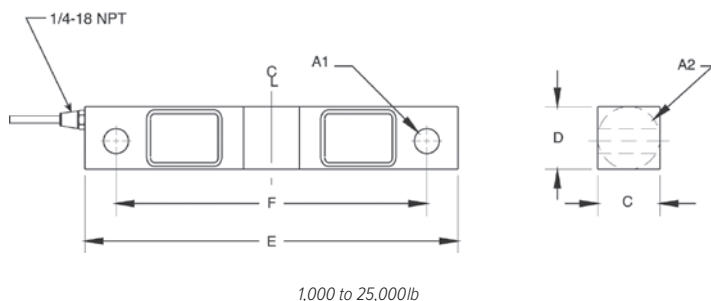


Order Information

Load Rating	Part #	Est. Weight	Price
1,500 lb	17303	4 lb	\$583.00
2,000 lb	17305	4 lb	\$583.00
25,000 lb	17318	7 lb	\$662.00

Dimensions

Rated Capacity lb/in	A1	A2	C	D	E	F
1,500 to 2,000	0.50	1.25	1.25	1.25	7.50	6.25
25,000	0.81	1.99	1.44	1.94	8.75	7.50



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL77032SS

RICE LAKE WEIGHING SYSTEMS

RL75016WHE*

VPG® SENSORTRONICS®

65016W

VPG SENSORTRONICS

65016WH*

VPG® REVERE

9203

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Nonlinearity:

0.07% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

1,500 to 2,000 lb: 0.01 in
25,000 lb: 0.036 in

Cable Length:

25 ft

Cable Diameter:

0.200 in
Polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

LOAD CELLS /
WEIGH MODULES

RL75016SS-W

Stainless Steel, Welded Seal, IP67

LOAD CELLS /
WEIGH MODULES



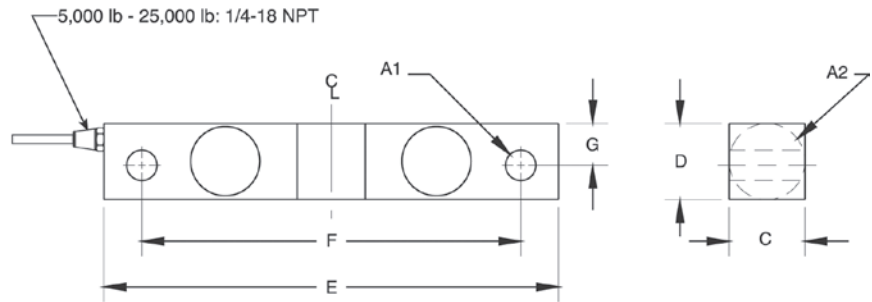
Picture is a representation of actual product.

Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	168115	4 lb	\$630.00
10,000 lb	168116	7 lb	\$715.00
15,000 lb	168117	7 lb	\$715.00
20,000 lb	168118	7 lb	\$715.00
25,000 lb	168119	7 lb	\$715.00

Dimensions

Rated Capacity	A1	A2	C	D	E	F	G
lb/in							
5,000	0.50	1.25	1.25	1.25	7.50	6.25	0.69
10,000 to 25,000	0.81	1.99	1.44	1.94	8.75	7.50	0.96



Interchangeable Products

- RICE LAKE WEIGHING SYSTEMS
RL77032SS HE
- RICE LAKE WEIGHING SYSTEMS
RL75016SS
- RICE LAKE WEIGHING SYSTEMS
RL75016WHE

Specifications

- Full Scale Output:
3.0 mV/V
- Output Resistance:
700 (± 5) ohm
- Input Resistance:
770 (± 10) ohm
- Material/Finish:
Stainless steel
- Temperature:
Operating:
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:
Welded-seal, IP67
- Safe Overload:
100% full scale
- Rated Excitation:
5 to 10 VDC (15 V max)
- Hysteresis:
0.02% full scale
- Linearity:
0.03% full scale
- Cable Length:
25 ft
- Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal
- Warranty:
Two-year limited

Limited Stock
Available

DOUBLE-ENDED BEAM RL75016WHE

Stainless Steel, Hermetically Sealed, IP69K



Picture is a representation of actual product.

Approvals

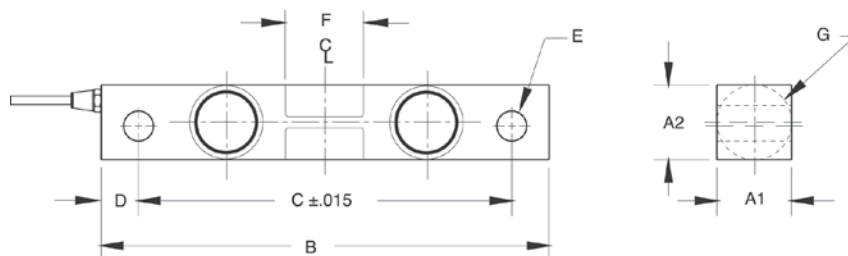


Order Information

Load Rating	Part #	Est. Weight	Price
2,000 lb	67045	4 lb	\$736.00
20,000 lb	67050	7 lb	\$832.00
25,000 lb	67051	7 lb	\$832.00

Dimensions

Rated Capacity	A1	A2	B	C	D	E	F	G	CONDUIT ADAPTER
lb/in									
2,000	1.22	1.22	7.50	6.25	0.62	0.50	1.12	1.25	1/2-14 NPT
20,000 to 25,000	1.44	1.94	8.75	7.50	0.62	0.81	1.62	1.99	1/2-14 NPT



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL77032SS HE

VP G SENSORTRONICS

65016WH

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL1600 Series

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

Stainless steel

Temperature:

Operating range
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Insulation Resistance:

2,000 megohm

Cable Length:

25 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

cFMus

LOAD CELLS /
WEIGH MODULES

RL75058I for Rice Lake Coil Scale

Alloy Steel, Environmentally Sealed, NTEP Certified 1:5,000 Class III Multiple Cell, IP67

LOAD CELLS /
WEIGH MODULES

Picture is a representation of actual product.

Approvals

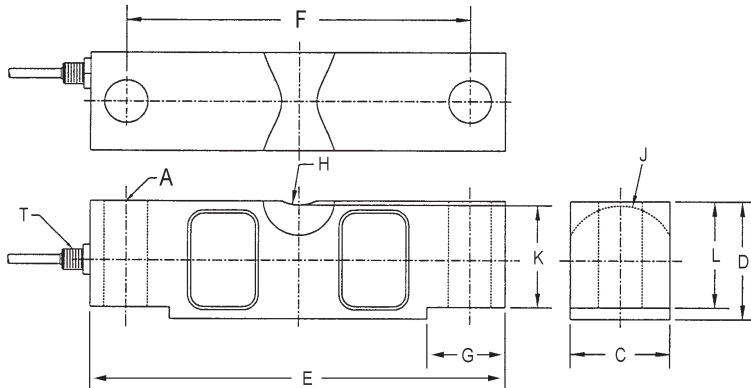


Order Information

Load Rating	Part #	Est. Weight	Price
20,000 lb	121439	8 lb	\$673.00
25,000 lb	121440	8 lb	\$673.00
40,000 lb	121441	13 lb	\$805.00
50,000 lb	121442	19 lb	\$885.00
60,000 lb	121443	19 lb	\$885.00
75,000 lb	121444	19 lb	\$885.00

Dimensions

Rated Capacity	A	C	D	E	F	G	H	J	K	L	T
lb/in											
20,000 to 25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
40,000	0.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000 to 75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT



Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F/-10 °C to 40 °C

Operating:

0 °F to 150 °F/-18 °C to 65 °C

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

35 ft

Cable Diameter:

20,000 lb: 0.200 in

40,000 to 75,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

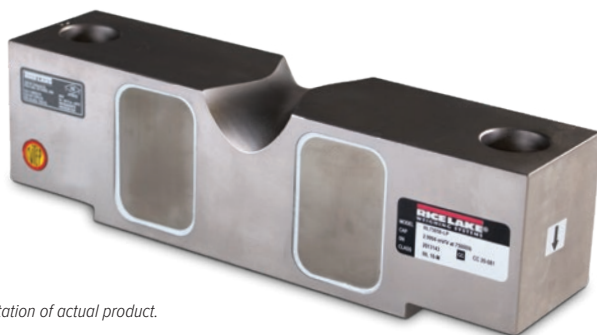
NTEP 98-143

cFMus



Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class IIIL Multiple Cell, IP67

DOUBLE-ENDED BEAM RL75058-LP



Picture is a representation of actual product.

Approvals



Order Information

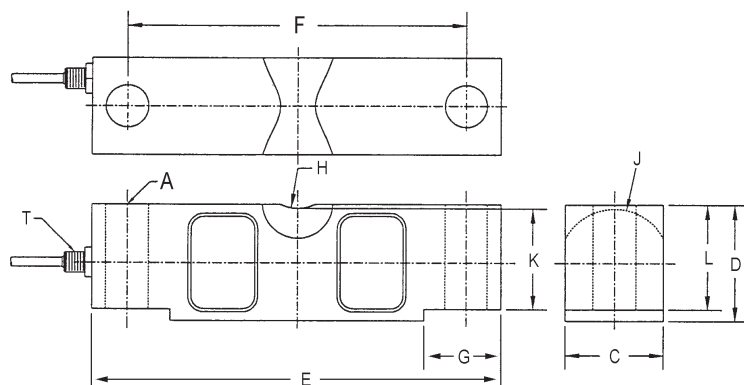
Load Rating	Part #	Est. Weight	Price
NTEP Certified 35 ft Cable			
20,000 lb	197770	8 lb	\$673.00
25,000 lb	197771	8 lb	\$673.00
40,000 lb	197772	13 lb	\$805.00
50,000 lb	197773	19 lb	\$885.00
60,000 lb	197774	19 lb	\$885.00
75,000 lb	197775	19 lb	\$885.00
100,000 lb	197776	40 lb	\$1,669.00
125,000 lb	197777	40 lb	\$1,669.00
Non-NTEP Certified 35 ft Cable			
10,000 lb	197769	8 lb	\$652.00
NTEP Certified 60 ft Cable			
50,000 lb	197778	20 lb	\$995.00
75,000 lb**	197781	20 lb	\$995.00
75,000 lb*	197782	20 lb	\$1,100.00
125,000 lb	197779	40 lb	\$1,800.00
NTEP Certified 100 ft Cable			
75,000 lb	197780	22 lb	\$1,100.00

*Stainless steel overbraid cable

**Used in Rice Lake truck scales

Dimensions

Rated Capacity	A	C	D	E	F	G	H	J	K	L	T
lb/in											
10,000 to 25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
40,000	0.81	1.94	2.44	10.25	8.50	1.93	1.00	1.12	2.00	2.10	1/4-18 NPT
50,000 to 75,000	1.06	2.44	2.94	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT
100,000 to 125,000	1.62	2.90	3.86	15.25	12.75	3.13	1.50	1.80	3.30	3.43	1/2-14 NPT



Interchangeable Products

VPG® SENSORTRONICS®

65058A

VPG® CELTRON®

CLB

ARTECH®

70210

ARTECH®

70310

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

RL2100HE

RICE LAKE WEIGHING SYSTEMS

MVS

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

35 ft

60 ft

100 ft

Cable Diameter:

10,000 to 25,000 lb: 0.200 in

40,000 to 125,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 20-081

cFMus

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

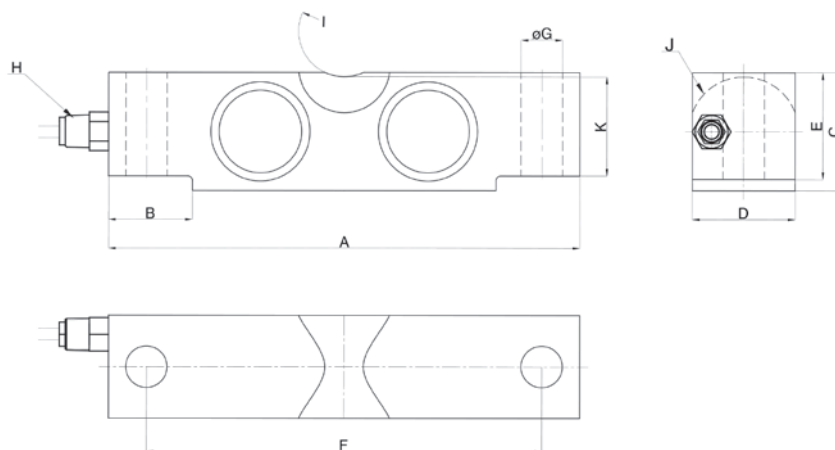


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified 35 ft Cable			
20,000 lb	197797	8 lb	\$927.00
25,000 lb	197798	8 lb	\$927.00
35,000 lb	198431	13 lb	\$1,095.00
40,000 lb	198430	13 lb	\$1,160.00
50,000 lb	197799	19 lb	\$1,160.00
60,000 lb	197800	19 lb	\$1,160.00
75,000 lb	197801	19 lb	\$1,160.00
100,000 lb	197803	40 lb	\$1,895.00
125,000 lb	197804	40 lb	Consult
Non-NTEP Certified 35 ft Cable			
10,000 lb	197796	8 lb	\$864.00
NTEP Certified 60 ft Cable			
75,000 lb	197802	20 lb	\$1,240.00
NTEP Certified 100 ft Cable			
75,000 lb	225266	20 lb	\$1,325.00

Dimensions

Rated Capacity	A	B	C	D	E	F	ØG	H	I	J	K
lb/in											
10,000 to 25,000	7.75	1.38	1.94	1.69	1.70	6.50	0.68	1/4-18 NPT	R19.1	R22.9	1.63
40,000	10.25	1.93	2.44	1.94	2.10	8.50	0.81	1/4-18 NPT	R25.4	R28.5	2.00
35,000 to 75,000	10.25	1.93	2.94	2.44	2.65	8.50	1.06	1/2-14 NPT	R25.4	R34.8	2.54
100,000 to 125,000	15.25	3.13	3.86	2.90	3.43	12.75	1.62	1/2-14 NPT	R38.1	R45.7	3.30



Interchangeable Products

VPG® SENSORTRONICS®
65058S

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL2100HE
RICE LAKE WEIGHING SYSTEMS
MVS

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 7) ohm

Input Resistance:

700 (± 14) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP68/IP69K

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

35 ft
60 ft

Cable Diameter:

10,000 to 25,000 lb: 0.200 in
35,000 to 125,000 lb: 0.305 in
Polyurethane jacket

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 20-081
cFMus

Limited Stock Available

DOUBLE-ENDED BEAM
RL75060S
 Stainless Steel, Welded Seal, NTEP Certified 1:5,000 III/1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product.

Approvals

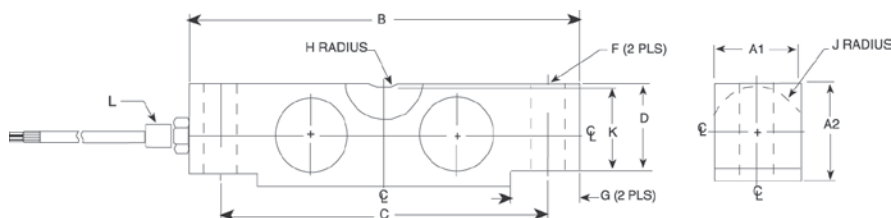


Order Information

Load Rating	Part #	Est. Weight	Price
35 ft Cable			
100,000 lb	50564	19 lb	\$2,115.00
60 ft Cable			
25,000 lb	157931	6 lb	\$1,050.00

Dimensions

Rated Capacity	F	A1	A2	B	C	G	H	J	K	D	L
lb/in											
25,000	0.68	1.69	1.94	7.75	6.50	1.38	0.75	0.90	1.63	1.70	1/4-18 NPT
100,000	1.06	2.44	3.44	10.25	8.50	1.93	1.00	1.37	2.54	2.65	1/2-14 NPT



Weigh Module Available

RICE LAKE WEIGHING SYSTEMS
RL2100HE
 RICE LAKE WEIGHING SYSTEMS
MVS

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

35 ft

60 ft

Cable Diameter:

25,000 lb: 0.200 in

100,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 96-027

cFMus

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

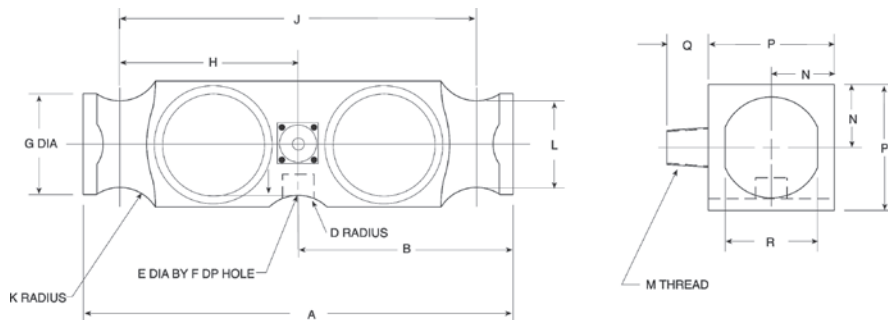


Order Information

Load Rating	Part #	Est. Weight	Price
40 ft Cable			
50,000 lb	21611	20 lb	\$900.00
65,000 lb	21612	20 lb	\$900.00
100,000 lb	21613	20 lb	\$1,160.00
60 ft Cable			
50,000 lb	107583	20 lb	\$980.00

Dimensions

Rated Capacity	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	R
lb/in															
50,000 to 65,000	10.25	5.12	1.00	0.75	0.78	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20
100,000	10.25	5.12	1.00	—	—	2.40	4.25	8.50	1.00	2.06	1/2-14 NPT	1.50	3.00	1.03	2.20



Interchangeable Products

VPG® REVERE

5223

VPG® SENSORTRONICS®

65040A-XX-1127W

ARTECH®

80210

THURMAN®

TSC 800

UNIBRIDGE®

DL9000

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

Translink™

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

High-alloy steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

50,000 lb: 0.018 in

65,000 lb: 0.022 in

100,000 lb: 0.034 in

Cable Length:

40 ft

60 ft

Cable Diameter:

0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 97-126

cFMus



Picture is a representation of actual product.

Approvals

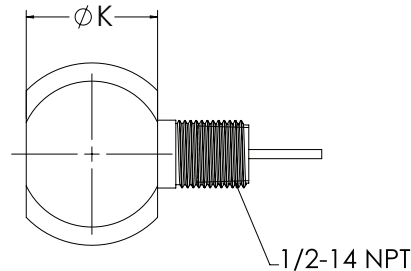
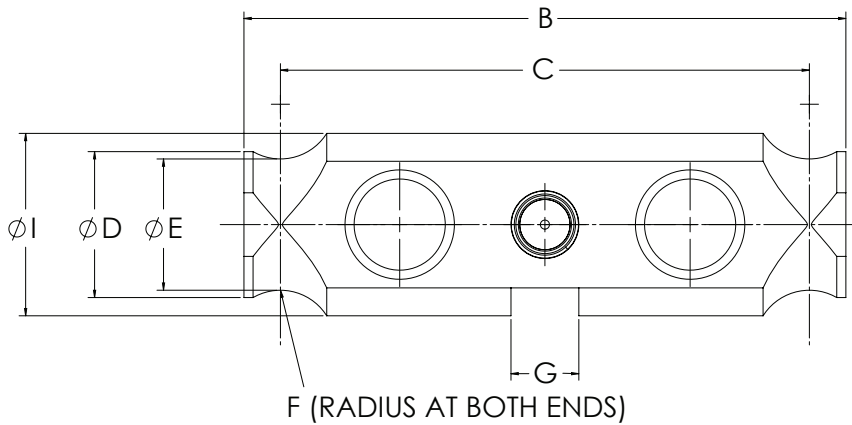


Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb	91765	10 lb	\$1,275.00

Dimensions

Rated Capacity	B	C	D	E	F	G	K	I
lb/in								
50,000	8.25	7.25	2.00	1.76	0.75	0.93	1.80	2.50



Interchangeable Products

CARDINAL®
DB50000S

Specifications

Full Scale Output:

2.0 (± 0.1%) mV/V

Output Resistance:

699 to 707 ohm

Input Resistance:

686 to 714 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.01 in

Cable Length:

35 ft

Cable Diameter:

0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

White +Signal

Green -Signal

Warranty:

Two-year limited

Approvals:

NTEP 92-018

cFMus

RL75040

Alloy Steel, Environmentally Sealed, NTEP Certified 1:10,000 Class IIIL Multiple Cell, IP67



Picture is a representation of actual product.

Approvals



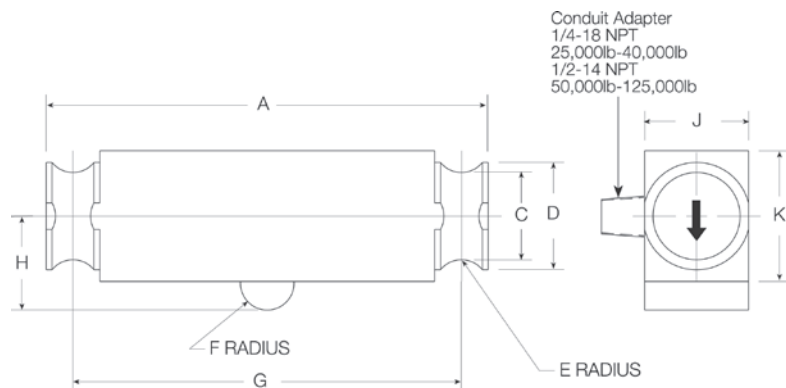
Order Information

Load Rating	Part #	Est. Weight	Price
35 ft Cable			
25,000 lb	21614	11 lb	\$675.00
40,000 lb	21615	12 lb	\$805.00
50,000 lb LE	21616	17 lb	\$885.00
60,000 lb LE	21617	17 lb	\$885.00
75,000 lb	21618	17 lb	\$885.00
100,000 lb	21619	40 lb	\$1,669.00
125,000 lb	21620	40 lb	\$1,669.00
40 ft Cable			
50,000 lb SE	87253	11 lb	\$805.00
60,000 lb SE	53593	11 lb	\$805.00
50 ft Cable			
50,000 lb LE	21621	18 lb	\$925.00
60,000 lb LE	21622	18 lb	\$925.00
75,000 lb	40951	18 lb	\$925.00

SE=small envelope; LE=large envelope

Dimensions

Rated Capacity	A	C	D	E	F	G	H	J	K
lb/in									
25,000 to 60,000 SE	8.25	1.63	2.00	0.50	0.50	7.25	1.75	1.94	2.44
50,000 LE to 75,000	11.50	1.70	2.20	0.75	1.00	10.00	2.00	1.94	2.94
100,000 to 125,000	14.50	2.44	3.20	1.00	1.50	12.50	2.75	2.90	3.86



Interchangeable Products

VPG® SENSORTRONICS®

65040A

ARTECH®

80310

THURMAN®

TSC 840

SENTRAN

WD1

ANYLOAD

102TH

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

Translink™

Specifications

Full Scale Output:

3.0 mV/V

Output Resistance:

700 (± 5) ohm

Input Resistance:

770 (± 10) ohm

pn 87253 and 53593: 686 to 714 ohms

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

35 ft

40 ft

50 ft

Cable Diameter:

25,000 lb: 0.200 in

40,000 to 75,000 lb: 0.305 in

Polyurethane jacket

Cable Color Code:

Red +Excitation

Black -Excitation

Green +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 00-027

cFMus



Picture is a representation of actual product.

Approvals

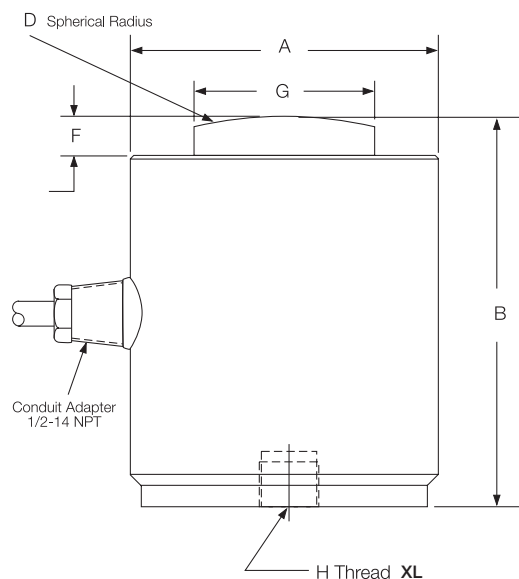


Order Information

Load Rating	Part #	Est. Weight	Price
35 ft Cable			
25,000 lb	32702	7 lb	\$1,925.00
50,000 lb	32701	7 lb	\$1,925.00
100,000 lb	32700	15 lb	\$2,250.00
200,000 lb	32699	28 lb	\$3,175.00
80 ft Cable			
200,000 lb	197788	30 lb	\$3,350.00

Dimensions

Rated Capacity	A	B	D	F	G	H	L-DEPTH
lb/in							
25,000 to 50,000	3.00	3.25	6.00	0.40	1.25	1/2-20 UNF	0.31
100,000	4.00	5.00	6.00	0.51	2.31	3/4-16 UNF	0.56
200,000	6.00	7.25	17.00	1.04	3.13	3/4-16 UNF	0.75



Interchangeable Products

VPG® REVERE

CSP

VPG® SENSORTRONICS®

65088-1000

VPG® REVERE

692B

HOWE RICHARDSON®

244699-000X

STREETER AMET®

3760XXX

Weigh Module Available

RICE LAKE WEIGHING SYSTEMS

MagnaMount™

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

475.2 to 484.8 ohm

Input Resistance:

445.5 to 454.5 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohm

Deflection at Capacity:

25,000 to 50,000 lb: 0.003 in

100,000 to 125,000 lb: 0.006 in

Cable Length:

35 ft

80 ft

Cable Diameter:

0.305 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Orange Shield

Warranty:

Two-year limited

Approvals:

NTEP 95-140

COMPRESSION CANISTER RL8C2P1SST

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class IIIL Multiple Cell, IP68

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

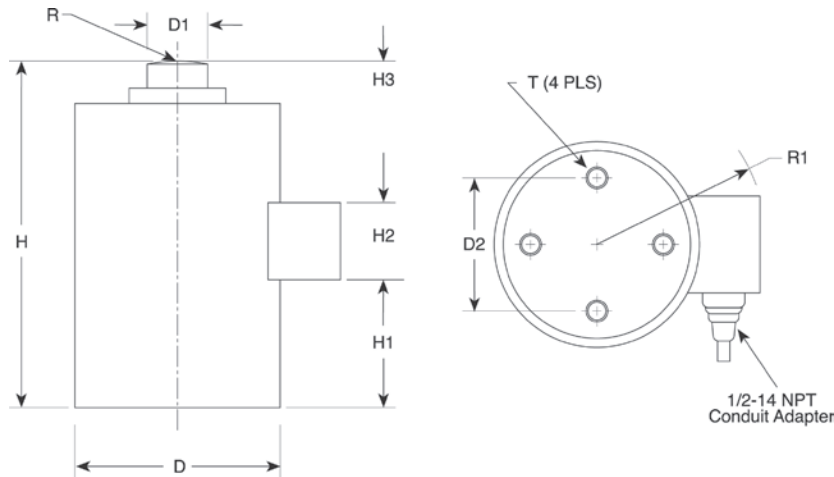


Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb	34855	20 lb	\$2,325.00
100,000 lb	34856	36 lb	\$2,325.00
200,000 lb	34857	75 lb	\$3,598.00

Dimensions

Rated Capacity	D	D1	D2	H	H1	H2	H3	R	R1	T
lb/in										
50,000	4.50	1.25	2.38	7.50	1.17	0.75	0.75	8.00	3.75	3/8-24 UNF x .63 DP
100,000	5.75	1.75	4.00	9.13	2.00	0.87	1.05	12.00	4.05	1/2-20 UNF x .75 DP
200,000	7.50	2.50	5.50	11.63	2.93	0.97	0.97	12.00	5.11	5/8-18 UNF x 25.4 DP



Interchangeable Products

VPG® REVERE
792

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (±3.5) ohm

Input Resistance:

350 (±3.5) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP68

Safe Overload:

150% full scale

Rated Excitation:

10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

>1,000 megohm

Deflection at Capacity:

50,000 lb: 0.004 in
100,000 lb: 0.006 in
200,000 lb: 0.009 in

Cable Length:

35 ft

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Orange Shield

Warranty:

Two-year limited

Approvals:

NTEP 92-218
cFMus

NEW

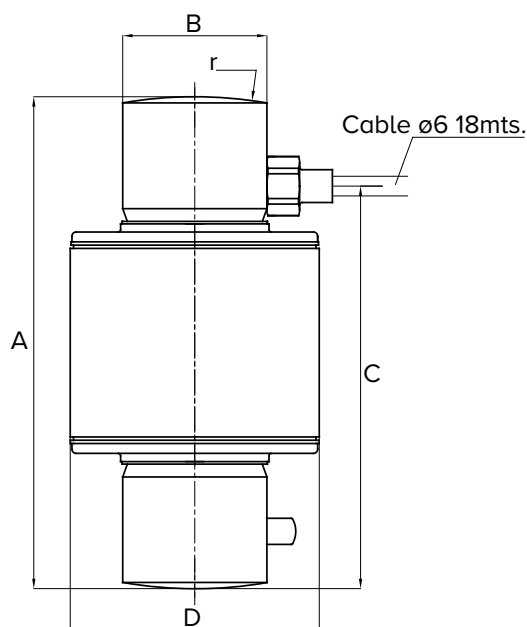
Picture is a representation of actual product.

Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
30 t	226612	8 lb	\$695.00
50 t	226613	8 lb	\$695.00
Load Cup			
30 t	226969	7.50 lb	\$110.00
50 t	226970	7.94 lb	\$110.00

Dimensions

Rated Capacity	A	Ø B	C	D	r
t/mm					
15	150.0	44.0	123.0	76.0	130.0
20	150.0	44.0	123.0	76.0	130.0
25	150.0	44.0	123.0	76.0	150.0
30	150.0	44.0	123.0	76.0	160.0
40	150.0	44.0	123.0	76.0	180.0
50	150.0	44.0	123.0	76.0	180.0

**Specifications****Full Scale Output:**

2.0 mV/V

Output Resistance:

705 (± 5) ohm

Input Resistance:

800 (± 5) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealer, IP69K

Safe Overload:

120% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.013% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.621 mm

Cable Length:

18 m overbraid cable

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Warranty:

Two-year limited

Approvals:

NTEP 24-109

RL82021

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class IIIIL Multiple Cell, IP69K

LOAD CELLS /
WEIGH MODULES



Picture is a representation of actual product.

Approvals

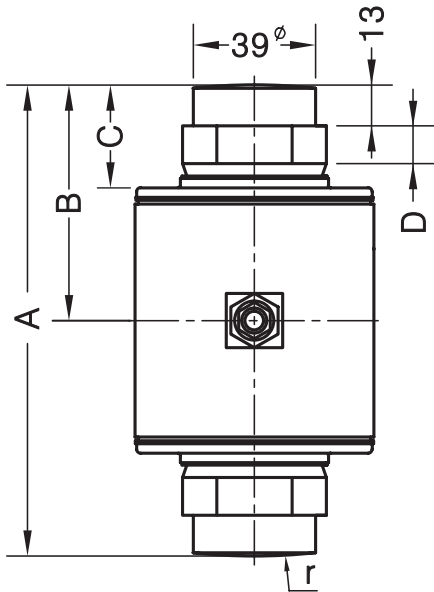


Order Information

Load Rating	Part #	Est. Weight	Price
30 t	221271	8 lb	\$695.00
40 t	207495	8 lb	\$695.00
Load Cup Kits			
30 t	223356	7.50 lb	\$110.00
40 t	223357	7.94 lb	\$110.00

Dimensions

Rated Capacity	A	B	C	D	Ball r
t/in					
30	5.51	2.76	1.10	0.28	7.09
40	5.91	2.95	1.30	0.47	7.87



Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
1,005 (± 5) ohm
- Input Resistance:**
1,150 (± 50) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)
- Seal Type:**
Hermetically sealer, IP69K
- Safe Overload:**
120% full scale
- Rated Excitation:**
5 to 10 VDC
- Combined Error:**
0.013% full scale
- Non-repeatability:**
0.01% full scale
- Insulation Resistance:**
5,000 megohm
- Deflection at Capacity:**
0.621 mm
- Cable Length:**
18 m overbraid cable
- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Yellow -Sense
- Warranty:**
Two-year limited
- Approvals:**
NTEP 21-071



Picture is a representation of actual product.

Approvals



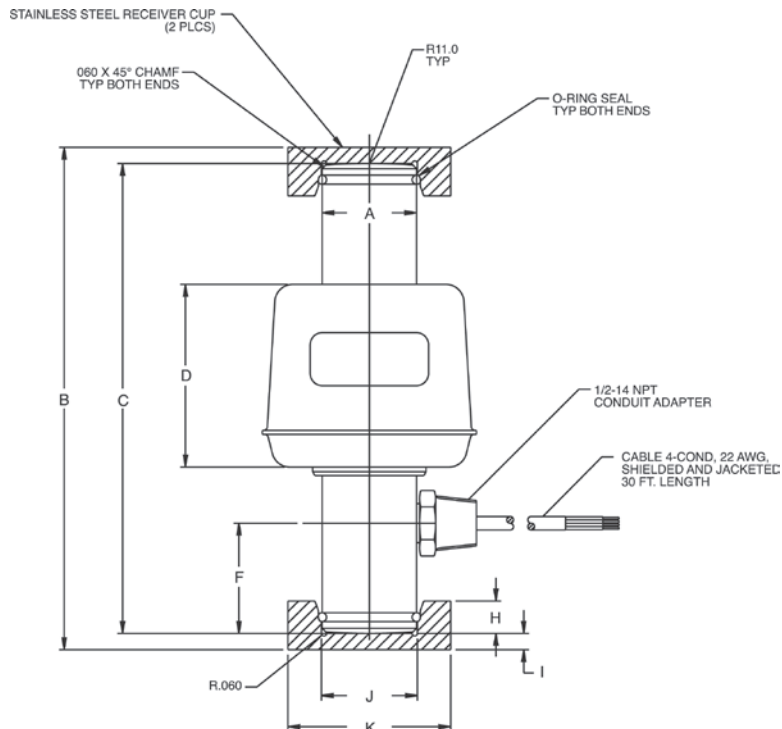
Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb*	68918	7 lb	\$1,285.00
Replacement Parts			
Replacement load cup set upper and lower included	85433	1 lb	\$100.00
Replacement O-ring	92988	1 lb	\$1.00/each

*Load cell supplied with load cups

Dimensions

Rated Capacity	A	B	C	D	F	H	I	J	K
lb/in									
50,000	1.46	7.75	7.25	2.82	1.70	0.50	0.25	1.48	2.50



Interchangeable Products

CARDINAL®
SCA-50K

Specifications

Full Scale Output:

2 mV/V nominal

Output Resistance:

1,050 (± 10) ohm

Input Resistance:

1,100 to 1,500 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.025% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

30 ft

Cable Diameter:

0.200 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Warranty:

Two-year limited

Approvals:

NTEP 01-073

cFMus

RL70510/RL80453

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III L, IP69K



Picture is a representation of actual product.

Approvals



Order Information: RL70510

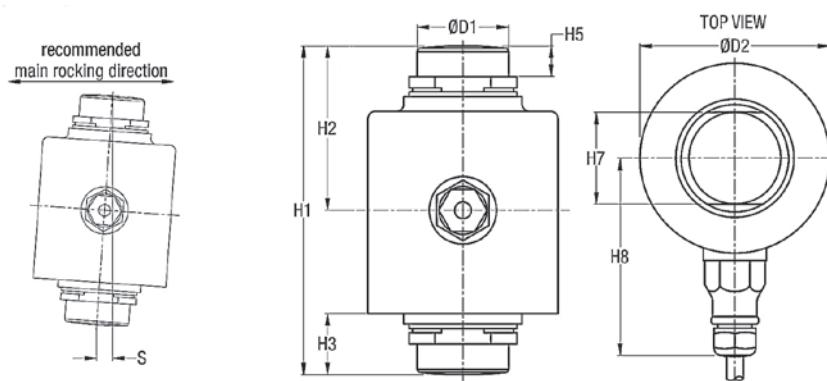
Load Rating	Part #	Est. Weight	Price
30t	169363	6 lb	\$1,044.00
Upper load cup	109332	4 lb	\$143.00
Lower load cup	109331	4 lb	\$116.00

Order Information: RL80453

Load Rating	Part #	Est. Weight	Price
100,000 lb	169365	6 lb	\$1,070.00
Upper load cup	109332	4 lb	\$143.00
Lower load cup	109331	4 lb	\$116.00

Dimensions

Rated Capacity	H1	H2	H3	H5	H7	H8	D1	D2
t/in								
30	5.51	2.76	1.02	0.51	1.54	3.32	1.54	3.18
lb/in								
100,000	5.91	2.95	1.30	0.51	1.54	3.32	1.54	3.18



Interchangeable Products

FAIRBANKS®

70510..... LCF HR 4020-2A

FAIRBANKS

80453..... LCF HR 4020-21

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

1,000 (± 2) ohm

Input Resistance:

1,150 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Rated Excitation:

5 to 10 VDC (15 V max)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

15 ft

Cable Diameter:

0.200 in

Stainless steel overbraid cable

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Warranty:

Two-year limited

Approvals:

NTEP 15-057



Picture is a representation of actual product.

Approvals



Order Information

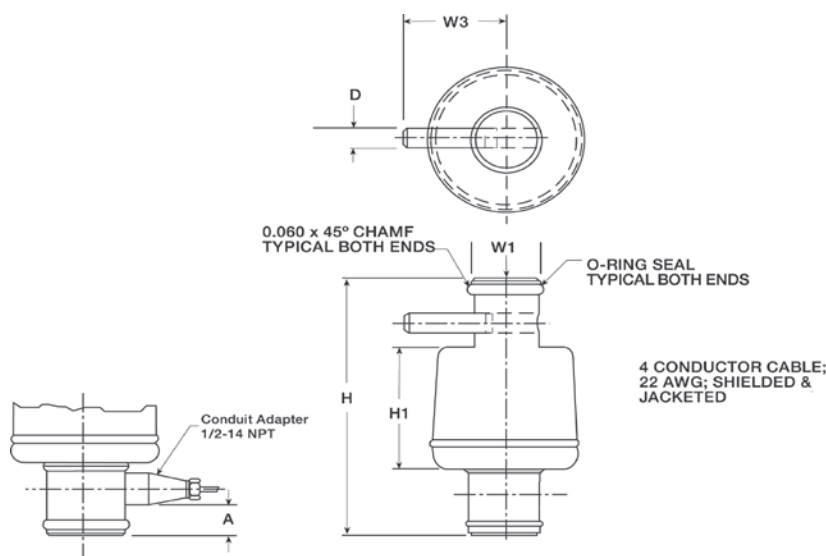
Load Rating	Part #	Est. Weight	Price
50,000 lb LE	88074	6 lb	\$1,450.00
Replacement Parts			
Replacement O-ring	92988	1lb	\$1.00
Spring pin	116181	1 lb	\$5.00

LE=Large envelope

Not interchangeable with Sensortronics 65114 - different mV/V

Dimensions

Rated Capacity	A	D	H	H1	W1	W3
lb/in						
50,000 LE	0.87	0.38	7.56	2.82	1.46	2.18



Interchangeable Products

FAIRBANKS®

64166 LCF HR 4020-2

Specifications

Full Scale Output:

1.8 mV/V nominal

Output Resistance:

1,000 (± 10) ohm

Input Resistance:

1,000 ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Welded-seal, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.025% full scale

Non-repeatability:

0.01% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

30 ft

Cable Diameter:

0.200 in overbraid cable

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Warranty:

Two-year limited

Approvals:

NTEP 06-022

cFMus



Picture is a representation of actual product.

Approvals



Order Information

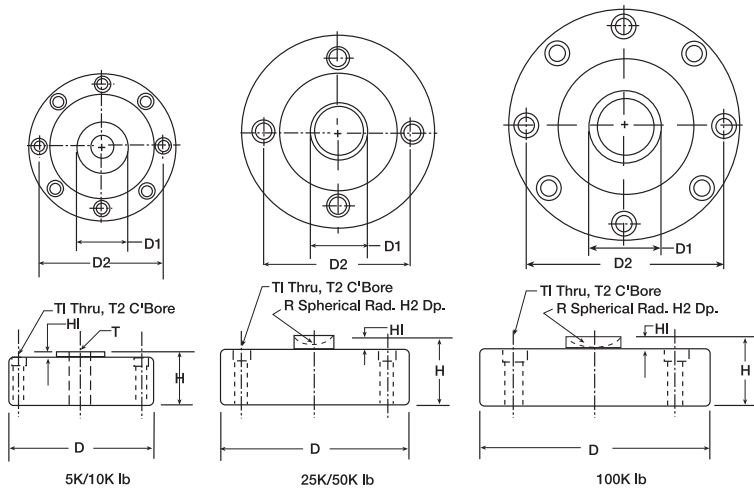
Load Rating	Part #	Est. Weight	Price
5,000 lb*	33061	6 lb	\$850.00
10,000 lb*	33062	6 lb	\$850.00
25,000 lb	33063	9 lb	\$995.00
50,000 lb	33064	9 lb	\$995.00
100,000 lb	33065	13 lb	\$1,150.00
Load Cup**	33616		\$37.00

*5,000 lb and 10,000 lb models can be used in compression and tension load applications.

**Load cup, PN 33616, is required for compression applications on 5,000 lb and 10,000 lb capacity load cells.

Dimensions

Rated Capacity	T	R	D	D1	D2	H	H1	H2	T1	T2
lb/in										
5,000 to 10,000	5/8-18 UNF-3B	—	4.12	1.26	3.50	1.37	0.12	—	0.28	0.406 x 0.283 DP
25,000 to 50,000	—	0.875	4.75	1.53	4.00	2.12	0.50	0.30	0.34	0.508 x 0.38 DP
100,000	—	0.875	5.50	1.98	4.60	2.25	0.25	0.30	0.41	0.626 x 0.4 DP



Interchangeable Products

VPG® CELTRON®
LCD

Specifications

Full Scale Output:

4.0 mV/V

Output Resistance:

5,000 to 50,000 lb: 350 (± 3) ohm
100,000 lb: 700 (± 5) ohm

Input Resistance:

5,000 to 50,000 lb: 385 (± 5) ohm
100,000 lb: 770 (± 70) ohm

Material/Finish:

High-alloy steel, nickel plated

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

15 VDC (15 V maximum)

Nonlinearity:

0.05% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

2,000 megohm

Cable Length:

50 ft

Cable Diameter:

5,000 to 25,000 lb: 0.200 in
50,000 to 100,000 lb: 0.305 in
Polyurethane jacket

Cable Color Code:

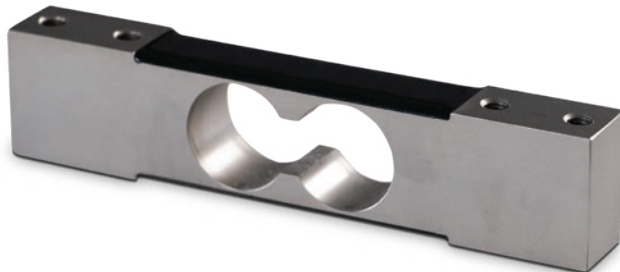
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:

Two-year limited

Approvals:

cFMus



Picture is a representation of actual product.

Approvals

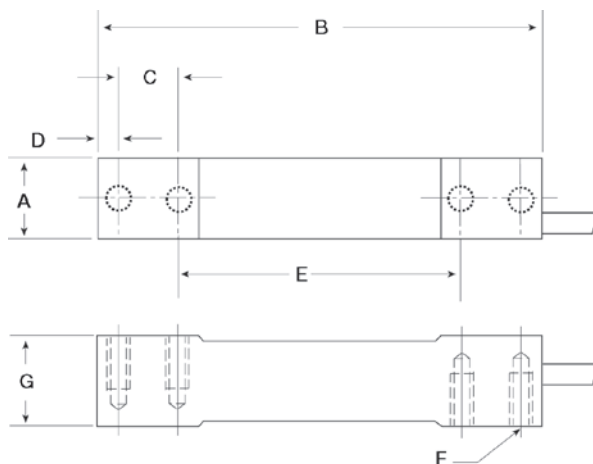


Order Information

Load Rating	Part #	Est. Weight	Price
7 kg	205274	2 lb	\$328.00
10 kg	205275	2 lb	\$328.00
30 kg	205276	2 lb	\$328.00
60 kg	205277	2 lb	\$328.00
100 kg	205278	2 lb	\$328.00
150 kg	205279	2 lb	\$328.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G
kg/mm							
7 to 10	19.0	139.8	19.0	6.6	88.7	M6 × 1.0	30.0
30 to 60	23.8	139.8	19.0	6.6	88.7	M6 × 1.0	30.0
100 to 150	30.7	139.7	22.4	6.6	79.3	3/8-16 UNC	30.0



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1380

FLINTEC®

PC3

HBK®

PWS

Specifications

Full Scale Output:

2 mV/V

Output Resistance:

350 (± 10) ohm

Input Resistance:

385 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.140 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Max Platform Size:

7 to 30 kg: 350 × 350 mm

60 to 150 kg: 450 × 450 mm

Warranty:

One-year limited

Approvals:

NTEP 21-017

OIML R60/2017-A-NL1-21.17

RLPC4SS-HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K



Picture is a representation of actual product.

Approvals

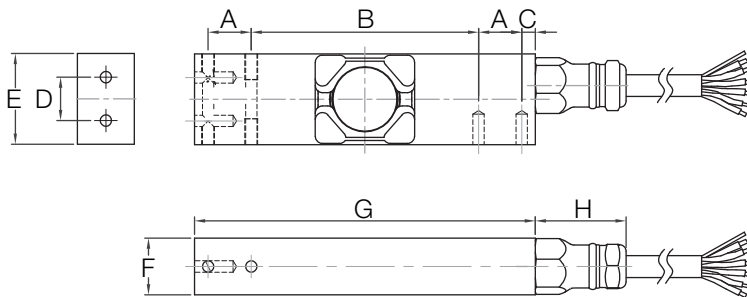


Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	205270	3 lb	\$630.00
20 kg	205271	3 lb	\$630.00
50 kg	205272	3 lb	\$630.00
100 kg	205273	3 lb	\$630.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I
kg/mm									
10 to 100	19.0	100.0	6.0	19.1	40.0	25.0	150.0	40.0	M4 × 6



Interchangeable Products

FLINTEC®

PC4

HBK®

PW15AH*

*350 Ohm

Specifications

Full Scale Output:

2 mV/V

Output Resistance:

960 (± 50) ohm

Input Resistance:

1100 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Blue +Sense

Brown -Sense

Yellow Shield

Max Platform Size:

500 × 400 mm

Warranty:

One-year limited

Approvals:

NTEP 21-016

OIML R60/2017-A-NL1-21.18



Picture is a representation of actual product.

Approvals

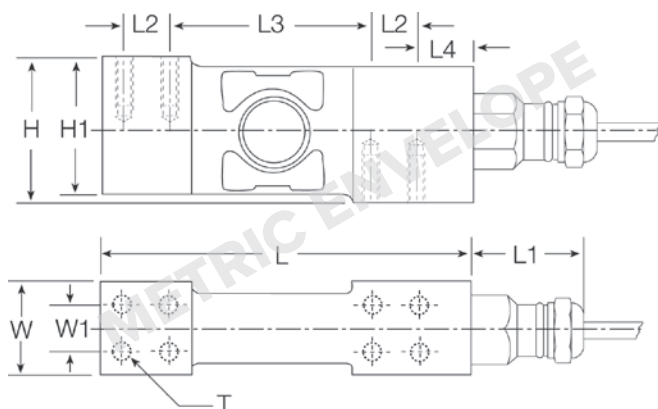


Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	87027	3 lb	\$630.00
20 kg	87028	3 lb	\$630.00
50 kg	87029	3 lb	\$630.00
100 kg	87030	3 lb	\$630.00
200 kg	87031	3 lb	\$630.00

Dimensions

Rated Capacity	H	H1	L	L1	L2	L3	L4	W	W1	T
kg/mm										
10 to 200	48.0	45.5	123.0	41.0	15.2	67.6	17.8	30.1	15.2	8 x M6/15 DP



Interchangeable Products

FLINTEC®
PC6

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

960 (± 50) ohm, nominal

Input Resistance:

1,100 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

3 m

Cable Diameter:

5 mm

Polyurethane jacket

Deflection at Capacity:

0.15 to 0.25 mm

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Max Platform Size:

610 × 610 mm

Warranty:

Two-year limited

Approvals:

NTEP 06-011

FM

RLPWM15HE

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K



Picture is a representation of actual product.

Approvals

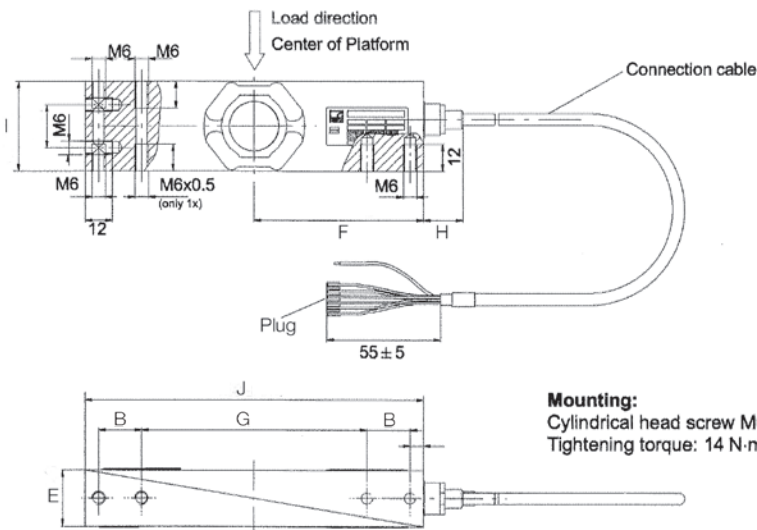


Order Information

Load Rating	Part #	Est. Weight	Price
10 ft Cable			
10 kg	108685	3 lb	\$775.00
20 kg	108686	3 lb	\$775.00
50 kg	108687	3 lb	\$775.00
100 kg	108688	3 lb	\$775.00
2.83 ft Cable			
10 kg	107174	3 lb	\$775.00
20 kg	107175	3 lb	\$775.00
50 kg	107176	3 lb	\$775.00
100 kg	107177	3 lb	\$775.00

Dimensions

Rated Capacity	B	E	F	G	H	I	J
kg/mm							
10 to 100	19.0	25.0	75.0	100.0	17.5	40.0	150.0



Mounting:
Cylindrical head screw M6-10.9
Tightening torque: 14 N·m

Interchangeable Products

HBK®
PW15AH

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 10) ohm

Input Resistance:

380 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

10 ft

2.83 ft

Cable Diameter:

0.212 in PVC jacket

Cable Color Code:

Blue +Excitation

Black -Excitation

White +Signal

Red -Signal

Green +Sense

Grey -Sense

Max Platform Size:

500 × 400 mm

Warranty:

Two-year limited

Approvals:

NTEP 09-015

FM



Picture is a representation of actual product.

Approvals

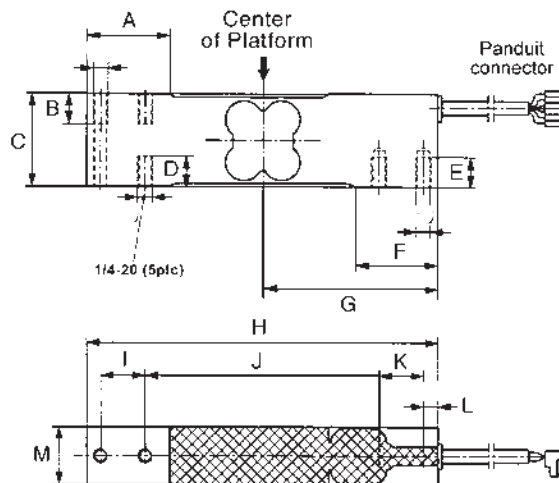


Order Information

Load Rating	Part #	Est. Weight	Price
10 kg	119904	1 lb	\$495.00
15 kg	119912	1 lb	\$495.00
20 kg	119905	1 lb	\$495.00
50 kg	119908	1 lb	\$495.00
75 kg	119909	1 lb	\$495.00
100 kg	119910	1 lb	\$495.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	T
kg/mm														
10 to 100	35.0	13.0	40.0	13.0	13.0	35.0	75.0	150.0	19.0	100.0	19.0	6.2	25.0	1/4-20 UNC



Interchangeable Products

HBK®
PW15
VPG® TEDEA-HUNTLEIGH®
1142

Specifications

Full Scale Output:
2.0 mV/V

Bridge Resistance:
350 ohm, nominal

Material/Finish:
Stainless steel

Temperature:
Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Rated Excitation:
5 to 10 VDC (15 V maximum)

Combined Error:
0.02% full scale

Insulation Resistance:
1,000 megohm

Cable Length:
10 ft

Cable Diameter:
0.190 in PVC jacket

Cable Color Code:
Blue +Excitation
Black -Excitation
White +Signal
Red -Signal
Green +Sense
Grey -Sense

Max Platform Size:
15 × 15 in

Warranty:
Two-year limited

Approvals:
NTEP 11-038
FM

RLPCBC-60

Stainless Steel, Hermetically Sealed, NTEP Certified 1:5,000 Class III Single Cell, IP69K



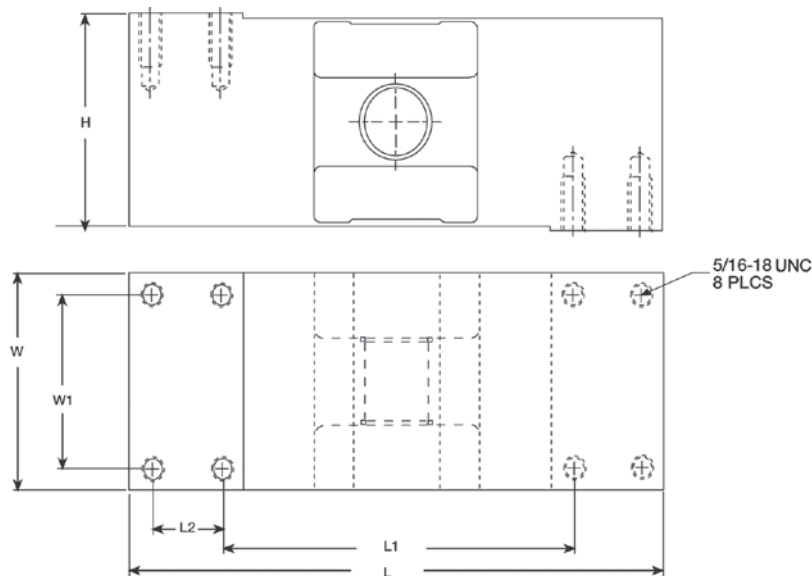
Picture is a representation of actual product.

Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
10 ft Cables			
50 kg	87022	12 lb	\$980.00
100 kg	87023	12 lb	\$980.00
250 kg	87024	13 lb	\$980.00
500 kg	87025	13 lb	\$980.00
1,000 kg	87026	15 lb	\$980.00
20 ft Cables			
1,000 kg	227092	15 lb	\$1,025.00

Dimensions

Rated Capacity	L	L1	L2	W	W1	H
kg/mm						
50 to 1,000	190.5	107.0	35.0	73.7	50.0	73.7

**Specifications****Full Scale Output:**

2 mV/V

Output Resistance:960 (± 50) ohm**Input Resistance:**1,100 (± 50) ohm**Material/Finish:**

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Safe Sideload:

100% full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.020% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

PN 227092: 20 ft

Cable Diameter:

0.196 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Blue +Sense

Brown -Sense

Yellow Shield (shield connected to element)

Max Platform Size:

24 × 24 in

Warranty:

Two-year limited

Approvals:

NTEP 07-094

FM



Picture is a representation of actual product.

Approvals

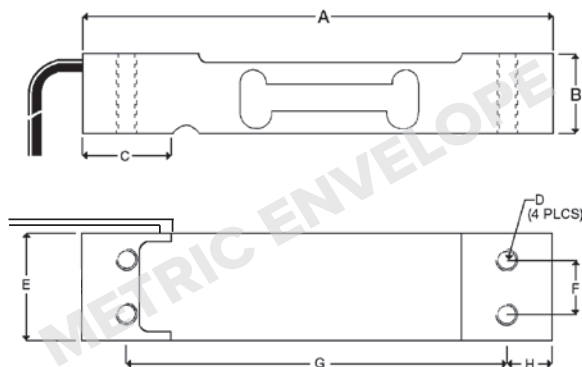


Order Information:

Load Rating	Part #	Est. Weight	Price
1.50 ft Cables			
3 kg	50620	1 lb	\$148.00
5 kg	50619	1 lb	\$148.00
7 kg	50621	1 lb	\$148.00
10 kg	50622	1 lb	\$148.00
15 kg	50623	1 lb	\$148.00
20 kg	50624	1 lb	\$148.00
30 kg	50625	1 lb	\$148.00
35 kg	50626	1 lb	\$148.00
10 ft Cables			
3 kg	132261	3 lb	\$148.00
5 kg	132262	3 lb	\$148.00
7 kg	132263	3 lb	\$148.00
10 kg	132264	3 lb	\$148.00
15 kg	132265	3 lb	\$148.00
20 kg	132266	3 lb	\$148.00
30 kg	132267	3 lb	\$148.00
35 kg	132268	3 lb	\$148.00

Dimension

Rated Capacity	A	B	C	D	E	F	G	H
kg/mm								
3 to 7	130.0	22.0	25.0	M6 × 1.0	25.4	15.0	106.0	12.0
10 to 30	130.0	22.0	25.0	M6 × 1.0	30.0	15.0	106.0	12.0
35	130.0	22.0	25.0	M6 × 1.0	40.0	15.0	106.0	12.0



Interchangeable Products

VPG® CELTRON®
LPS except 3 kg
 VPG® TEDEA-HUNTLEIGH®
1022
 VPG® BLH®
C2G1
 FAIRBANKS®
4900 Series
Checkweighers
 NMB®
C2G1
 ARTECH®
61022

Specifications

Full Scale Output:
2.0 mV/V

Output Resistance:
350 (± 3) ohm

Input Resistance:
410 (± 15) ohm

Material/Finish:
Aluminum

Temperature:
Compensated:
14 °F to 104 °F (-10 °C to 40 °C)
Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:
Environmentally sealed, IP66

Safe Overload:
150% full scale

Rated Excitation:
5 to 10 VDC (15 V maximum)

Combined Error:
0.03% full scale

Insulation Resistance:
2,000 megohm

Cable Length:
3 m
0.50 m

Cable Diameter:
3.5 mm PVC jacket

Cable Color Code:
Green +Excitation
Black -Excitation
Red +Signal
White -Signal

Max Platform Size:
13.75 × 13.75 in

Warranty:
Two-year limited

Approvals:
NTEP 98-166
cFMus



Picture is a representation of actual product.

Approvals

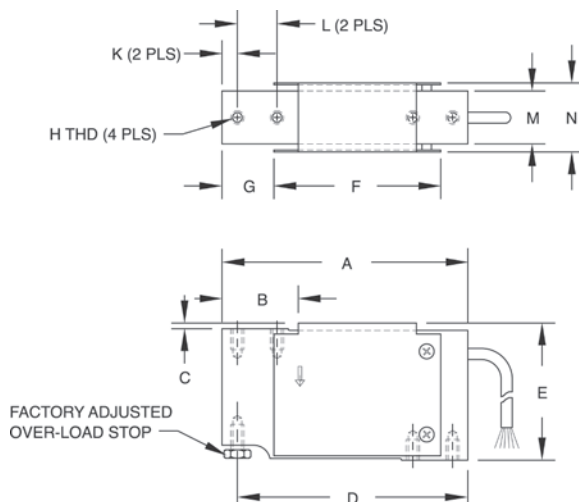


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified, Potted			
10 kg	50819	2 lb	\$205.00
15 kg	50820	2 lb	\$205.00
20 kg	50821	2 lb	\$205.00
30 kg	50822	2 lb	\$205.00
50 kg	50823	2 lb	\$205.00
Non-NTEP Certified, Potted			
7 kg	17529	2 lb	\$205.00
10 kg	17530	2 lb	\$205.00
15 kg	17531	2 lb	\$195.00
20 kg	17532	2 lb	\$205.00
30 kg	17533	2 lb	\$205.00
50 kg	17534	2 lb	\$205.00
90 kg	17535	2 lb	\$205.00
Non-NTEP Certified, Unpotted			
3 kg	17527	1 lb	\$190.00
5 kg	17528	1 lb	\$190.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	K	L	M	N
kg/mm												
3 to 90	118.1	34.0	3.0	110.5	66.0	80.0	25.0	1/4-20 UNC × 13 DP	7.5	19.1	25.4	33.5



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®
1010/1015

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm, nominal

Input Resistance:

415 (± 15) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Potted: IP67

Unpotted: IP65

Safe Overload:

150% at center of loading point, full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.015 in

Cable Length:

Potted: 10 ft

Unpotted: 3 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

15.75 × 15.75 in

Warranty:

Two-year limited

Approvals:

NTEP 00-062

cFMus



Picture is a representation of actual product.

Approvals

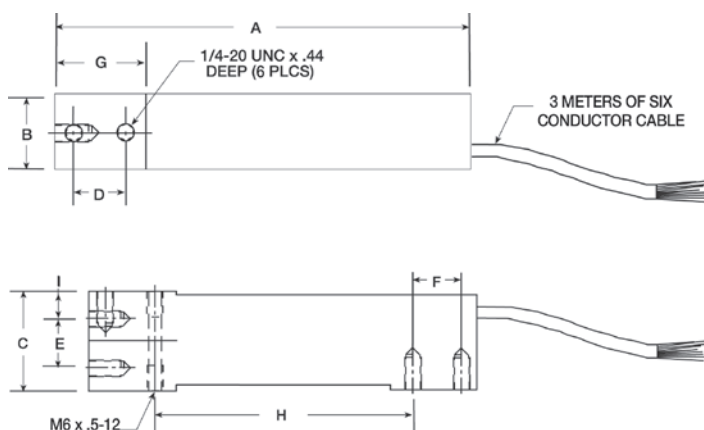


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
7 kg	91725	2 lb	\$235.00
10 kg	91726	2 lb	\$235.00
15 kg	91727	2 lb	\$235.00
20 kg	91728	2 lb	\$235.00
30 kg	91729	2 lb	\$235.00
50 kg	91730	2 lb	\$235.00
75 kg	91731	2 lb	\$235.00
100 kg	91732	2 lb	\$235.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I
kg/mm									
5 to 100	150.3	25.4	39.9	19.1	19.1	19.1	33.8	99.6	11.4



Interchangeable Products

HBK®
SP4M

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

350 ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Diameter:

0.19 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Yellow Shield

Max Platform Size:

5 to 10 kg: 12 × 12 in

15 to 30 kg: 18 × 18 in

50 to 100 kg: 24 × 24 in

Warranty:

Two-year limited

Approvals:

NTEP 05-114

FM



Picture is a representation of actual product.

Approvals

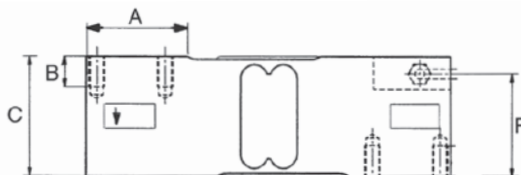


Order Information

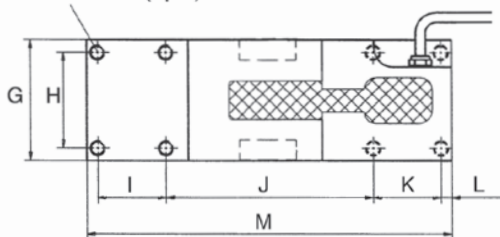
Load Rating	Part #	Est. Weight	Price
75 kg	91686	5 lb	\$313.00

Dimensions

Rated Capacity	A	B	C	F	G	H	I	J	K	L	M
kg/mm											
75	52.0	16.0	62.3	52.3	63.0	50.0	35.0	107.0	35.0	5.5	188.0



5/16-18 UNC-2b (8pls)



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1260

VPG® TEDEA-HUNTLEIGH®

1260

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

300 to 500 ohm

Input Resistance:

300 to 500 ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

1,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.190 in PVC jacket

Deflection at Capacity

50 to 635 kg < 0.6 mm

Cable Color Code:

Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Brown -Sense

Max Platform Size:

24 × 24 in

Warranty:

Two-year limited

Approvals:

NTEP 05-112

FM



Picture is a representation of actual product.

Approvals

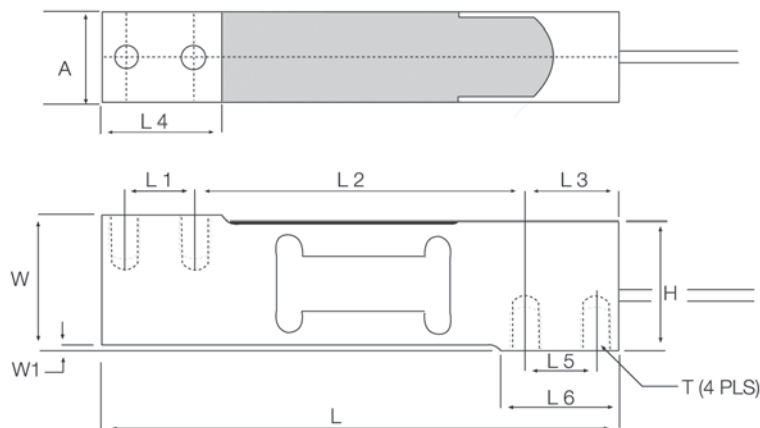


Order Information

Load Rating	Part #	Est. Weight	Price
1 kg	40955	1 lb	\$190.00

Dimensions

Rated Capacity	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
kg/mm												
1	20.0	39.0	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RLSP4

VPG® TEDEA-HUNTLEIGH®

1042

HBK®

SP4M

FLINTEC®

PC 42

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 15) ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% full scale

Over-center loading point

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.015 in

Cable Length:

10 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

16 × 16 in

Warranty:

Two-year limited

Approvals:

NTEP 97-138

FM



Picture is a representation of actual product.

Approvals

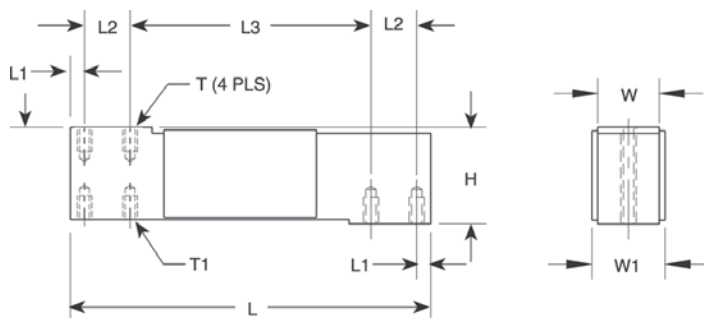


Order Information

Load Rating	Part #	Est. Weight	Price
Potted IP67			
7 kg	32860	2 lb	\$206.00
10 kg	32861	2 lb	\$206.00
15 kg	32862	2 lb	\$206.00
20 kg	32863	2 lb	\$206.00
30 kg	32864	2 lb	\$206.00
50 kg	32865	2 lb	\$206.00
100 kg	32866	2 lb	\$206.00
Unpotted IP65			
5 kg	32859	2 lb	\$206.00

Dimensions

Rated Capacity	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
5 to 100	40.0	150.0	5.95	19.1	100.0	1/4-20 UNC × 10 DP	1/4-28 UNF × 10 DP	25.4	29.4



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®

1040

CARDINAL®

TSP

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 5) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Potted, IP67

Unpotted, IP65

Safe Overload:

200% at center loading point, full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

15.75 × 15.75 in

Warranty:

Two-year limited

Approvals:

NTEP 95-074

cFMus



Picture is a representation of actual product.

Approvals

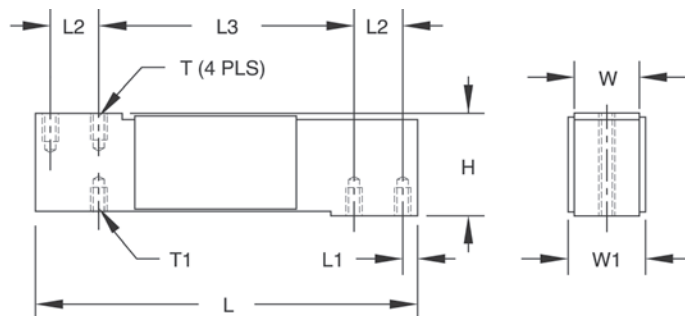


Order Information

Load Rating	Part #	Est. Weight	Price
15 kg	17544	3 lb	\$339.00
30 kg	17545	3 lb	\$339.00
50 kg	17546	3 lb	\$339.00
75 kg	17547	3 lb	\$339.00
100 kg	17548	3 lb	\$339.00
150 kg	36467	3 lb	\$339.00

Dimensions

Rated Capacity	H	L	L1	L2	L3	T	T1	W	W1
kg/mm									
15 to 150	40.0	150.0	6.0	19.1	100.0	1/4-20 UNC × 10 DP	1/4-28 UNF × 10 DP	25.4	29.4



Interchangeable Products

VPG® TEDEA-HUNTLEIGH®
1140

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

350 (± 5) ohm, nominal

Input Resistance:

383 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:

14 ° F to 104 ° F (-10 ° C to 40 ° C)

Compensated:

14 ° F to 104 ° F (-10 ° C to 40 ° C)

Seal Type:

Environmentally sealed, IP65

Safe Overload:

200% at center loading point,
full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

2,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Diameter:

0.200 in PVC jacket

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Brown -Sense

Max Platform Size:

15.75 × 15.75 in

Warranty:

Two-year limited

Approvals:

cFMus



Picture is a representation of actual product.

Approvals

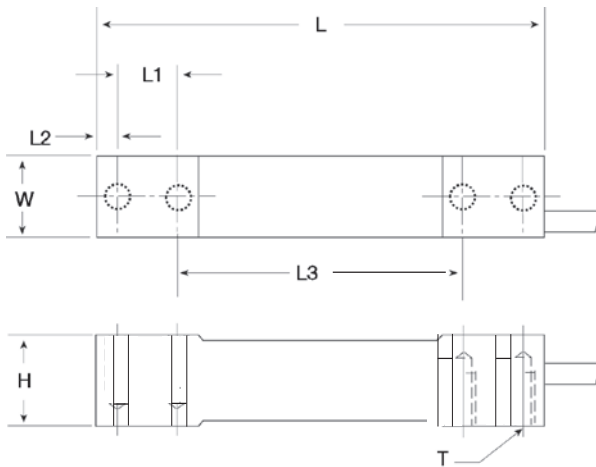


Order Information

Load Rating	Part #	Est. Weight	Price
7 kg	30783	2 lb	\$350.00
10 kg	30782	2 lb	\$350.00
15 kg	30781	2 lb	\$350.00
30 kg	30780	2 lb	\$350.00
60 kg	30779	2 lb	\$350.00

Dimensions

Rated Capacity	H	L	L1	L2	L3	T	W
kg/mm							
7 to 15	30.2	139.7	19.1	6.4	88.9	1/4-20 UNC	19.0
30 to 60	30.2	139.7	19.1	6.4	88.9	1/4-20 UNC	23.6



Interchangeable Products

HBK®
PWS

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

359 (± 10) ohm

Input Resistance:

390 (± 15) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:
14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohm

Deflection at Capacity:

<0.4 mm full scale

Cable Length:

10 ft

Cable Diameter:

0.190 in

Polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Max Platform Size:

15.75 × 15.75 in

Warranty:

Two-year limited

Approvals:

NTEP 94-128

FM



Picture is a representation of actual product.

Approvals

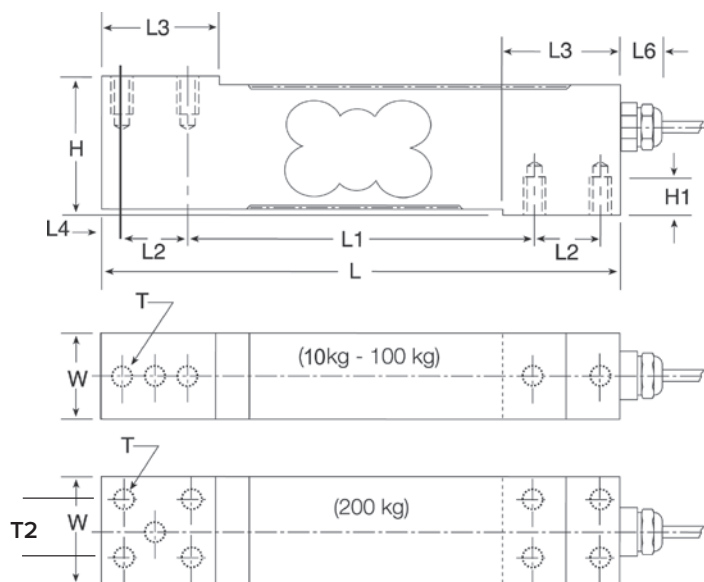


Order Information

Load Rating	Part #	Est. Weight	Price
NTEP Certified			
10 kg	41405	3 lb	\$328.00
15 kg	41233	3 lb	\$328.00
30 kg	41234	3 lb	\$328.00
50 kg	41235	3 lb	\$328.00
75 kg	41236	3 lb	\$328.00
Non-NTEP Certified			
100 kg	41237	3 lb	\$310.00
200 kg	41406	4 lb	\$477.00

Dimensions

Rated Capacity	H	H1	L	L1	L2	L3	L4	L6	W	T	T2
kg/mm											
10 to 100	40.0	10.0	150.0	100.0	19.0	32.0	6.0	20.0	25.4	1/4-20 UNC x 19.1 DP	N/A
200	40.0	10.0	150.0	100.0	19.0	32.0	6.0	20.0	38.1	1/4-20 UNC x 19.1 DP	25.4



Interchangeable Products

FLINTEC®
PC1

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

330 (± 25) ohm

Input Resistance:

390 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

200% full scale

Rated Excitation:

5 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

10 ft

Cable Diameter:

0.196 in
Polyurethane jacket

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal
Yellow Shield

Max Platform Size:

18 × 18 in

Warranty:

Two-year limited

Approvals:

NTEP 00-125
FM

RL260FD

Fluid Damped, Stainless Steel, Environmentally Sealed, NTEP Certified Single Cell 1:3,000, IP68



Protective Cover

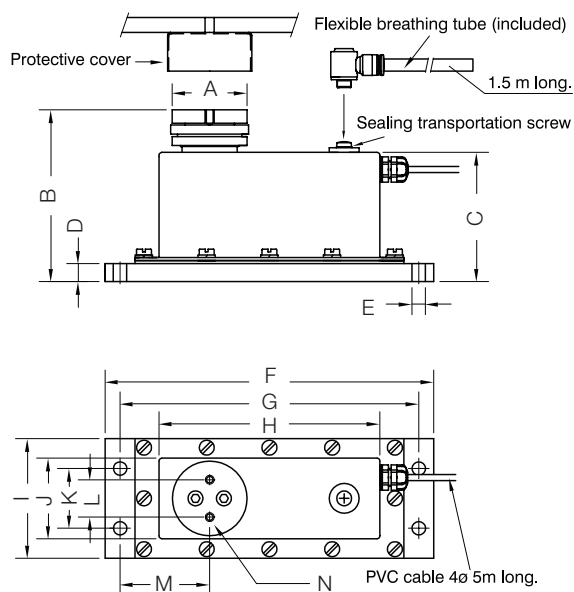
Picture is a representation of actual product.

Approvals**Order Information**

Load Rating	Part #	Est. Weight	Price
2 kg	194928	8 lb	\$710.00
3 kg	199001	8 lb	\$710.00
5 kg	194929	8 lb	\$710.00
7 kg	194930	8 lb	\$710.00
10 kg	194932	8 lb	\$710.00
15 kg	194933	8 lb	\$710.00
20 kg	194934	8 lb	\$710.00
30 kg	194935	8 lb	\$710.00
50 kg	194936	16 lb	\$710.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
kg/mm														
2 to 50	50 dia	115.0	86.5	12.0	9.0	220.0	200.0	148.0	80.0	54.0	40.0	25.0	60.0	1/4-20 UNC

**Interchangeable Products**

VPG® TEDEA-HUNTLEIGH®

240*

*5000d NTEP, 10ft cable

Specifications**Full Scale Output:**

2.0 mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

400 (± 20) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP68

Safe Overload:

200% of full scale

Rated Excitation:

5 to 10 VDC

Combined Error:

0.017% full scale

Insulation Resistance:

> 5,000 megohm

Cable Length:

5 m

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

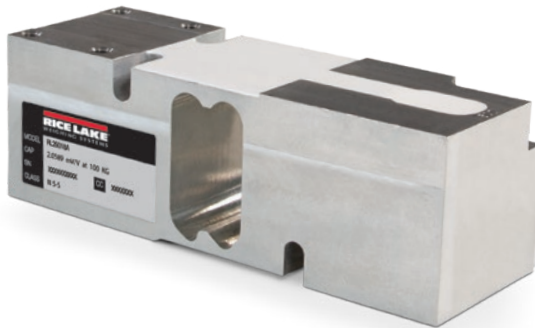
Warranty:

Two-year limited

Approvals:

NTEP 20-045

cFMus



Picture is a representation of actual product.

Approvals

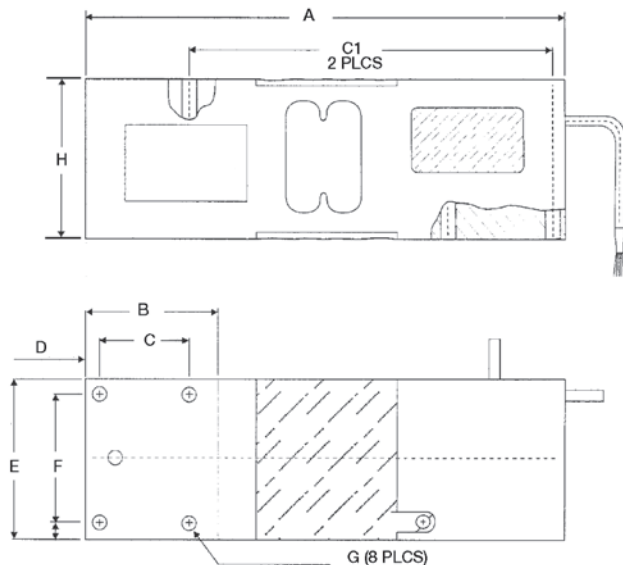


Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	188682	5 lb	\$290.00
75 kg	188683	5 lb	\$290.00
100 kg	188684	5 lb	\$290.00
150 kg	188685	5 lb	\$290.00
200 kg	188686	5 lb	\$290.00
250 kg	188687	5 lb	\$290.00
300 kg	188688	5 lb	\$290.00
500 kg	188689	5 lb	\$290.00
635 kg	188690	5 lb	\$290.00

Dimensions

Rated Capacity	A	B	C	C1	D	E	F	G	H
kg/mm									
50 to 635	188.0	52.0	35.0	142.0	5.5	63.5	50.0	5/16-18 UNC	62.3



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RLPWM16

RICE LAKE WEIGHING SYSTEMS

RL1260

VPG® TEDEA-HUNTLEIGH®

1260

Specifications

Full Scale Output:

2.0 mV/V nominal

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 15) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% of full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.3 to 0.5 mm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Warranty:

Two-year limited

Approvals:

NTEP 18-108

cFMus



Picture is a representation of actual product.

Approvals

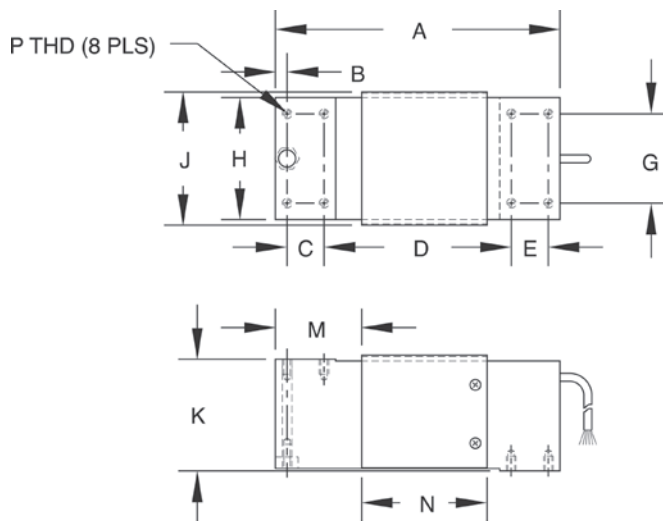


Order Information

Load Rating	Part #	Est. Weight	Price
50 kg	191096	5 lb	\$328.00
75 kg	191097	5 lb	\$328.00
100 kg	191098	5 lb	\$328.00
150 kg	191099	5 lb	\$328.00
200 kg	191100	5 lb	\$328.00
250 kg	191101	5 lb	\$328.00
300 kg	191102	5 lb	\$328.00
500 kg	191103	5 lb	\$328.00
635 kg	191104	5 lb	\$328.00
1,000 kg	191105	5 lb	\$328.00

Dimensions

Rated Capacity	A	B	C	D	E	G	H	J	K	M	N	P
kg/mm												
50 to 1,000	191.0	8.0	25.0	125.0	25.0	60.0	75.0	82.0	75.0	57.5	85.0	5/16-18 UNC x 15 DP



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RLPWM12

VPG® TEDEA-HUNTLEIGH®

1250

Specifications

Full Scale Output:

2.0 mV/V nominal

Output Resistance:

350 (± 3) ohm

Input Resistance:

415 (± 15) ohm

Material/Finish:

Anodized aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.4 mm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Max Platform Size:

50 to 500 kg: 800 × 800 mm

635 to 1,000 kg: 600 × 600 mm

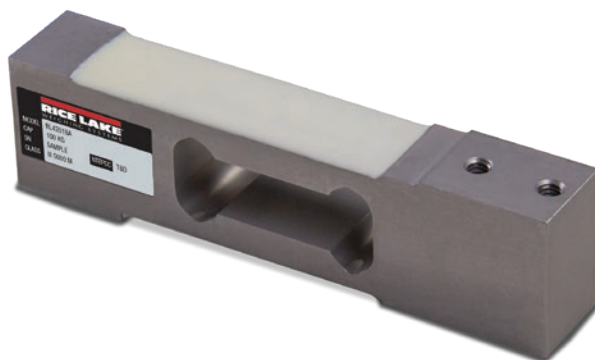
Warranty:

Two-year limited

Approvals:

NTEP 18-133

cFMus



Picture is a representation of actual product.

Approvals

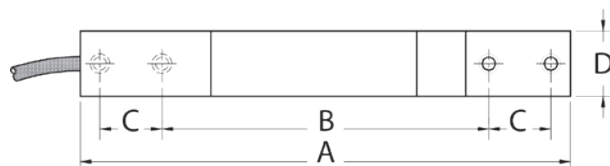
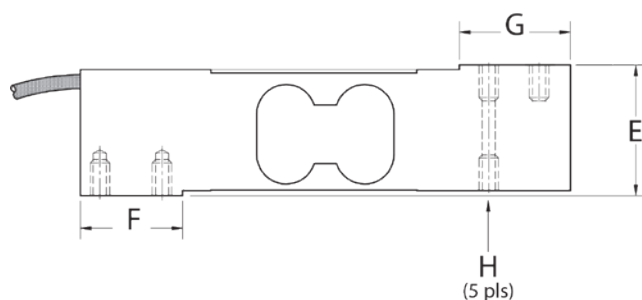


Order Information

Load Rating	Part #	Est. Weight	Price
3 kg	188672	2 lb	\$190.00
5kg	188673	2 lb	\$190.00
7 kg	188674	2 lb	\$190.00
10 kg	188675	2 lb	\$190.00
15 kg	188676	2 lb	\$190.00
20 kg	188677	2 lb	\$190.00
30 kg	188678	2 lb	\$190.00
50 kg	188679	2 lb	\$190.00
75 kg	188680	2 lb	\$190.00
100 kg	188681	2 lb	\$190.00

Dimensions

Rated Capacity	A	B	C	D	E	F	G	H
kg/mm								
3 to 30	150.0	100.0	19.0	20.0	40.0	31.2	34.0	1/4-20 UNC
50 to 100	150.0	100.0	19.0	25.4	40.0	31.2	34.0	1/4-20 UNC



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

RL1042

RICE LAKE WEIGHING SYSTEMS

RLSP4

VPG® TEDEA-HUNTLEIGH®

1042

HBK®

SP4M*

*Color code is different

Specifications

Full Scale Output:

2.0 mV/V $\pm$ 10%

Output Resistance:

350 ($\pm$ 3) ohm

Input Resistance:

400 ($\pm$ 20) ohm

Material/Finish:

Aluminum

Temperature:

Compensated:

14 °F to 104 °F (-10 °C to 40 °C)

Operating:

0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP66

Safe Overload:

150% of full scale at center loading point

Rated Excitation:

10 VDC

Combined Error:

0.02% full scale

Insulation Resistance:

> 5,000 megohm

Deflection at Capacity:

0.3 to 0.5 mm

Cable Length:

10 ft

Cable Color Code:

Green +Excitation

Black -Excitation

Red +Signal

White -Signal

Blue +Sense

Yellow -Sense

Max Platform Size:

15.75 x 15.75 in max

Warranty:

Two-year limited

Approvals:

NTEP 18-105

cFMus



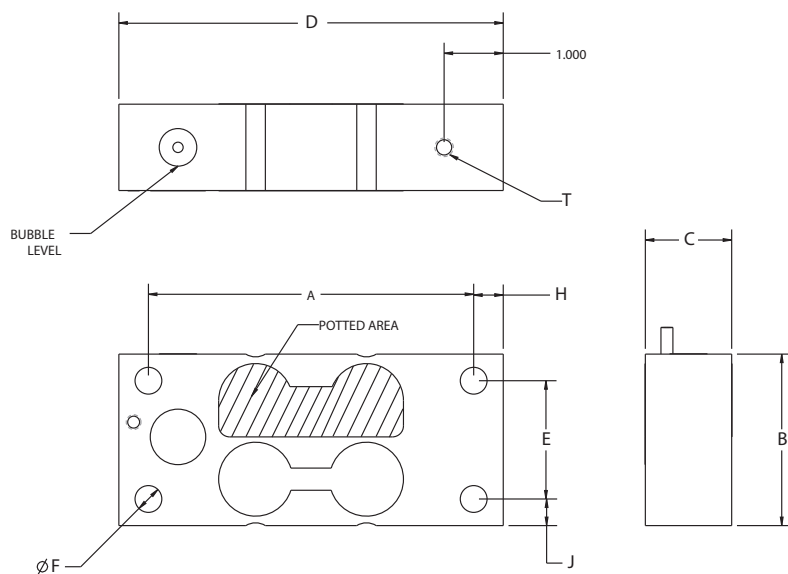
Picture is a representation of actual product.

Order Information

Load Rating	Part #	Est. Weight	Price
50 lb	125612	3 lb	\$650.00

Dimensions

Rated Capacity	A	B	C	D	E	F	H	J	T
lb/in									
50	5.50	2.90	0.74	6.50	2.00	0.50	0.50	0.45	5/16-18 UNC x 0.50



Interchangeable Products

AVERY WEIGH-TRONIX®
FLS

Specifications

Full Scale Output:

1.0 (± 10%) mV/V

Output Resistance:

350 (± 3) ohm

Input Resistance:

385 (± 10) ohm

Material/Finish:

Stainless steel

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 15 VDC

Nonlinearity:

0.02% full scale

Hysteresis:

0.02% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

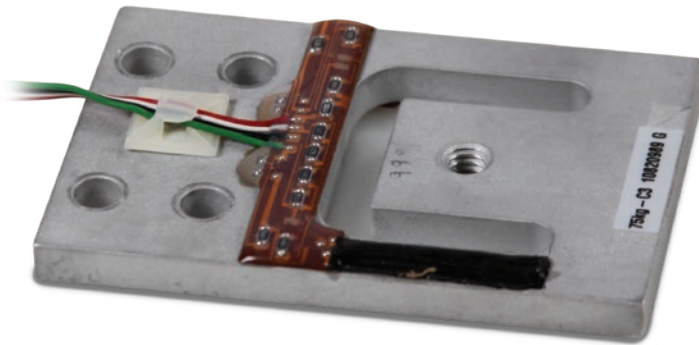
10 ft

Cable Color Code:

Green +Excitation
Black -Excitation
Red +Signal
White -Signal

Warranty:

Two-year limited



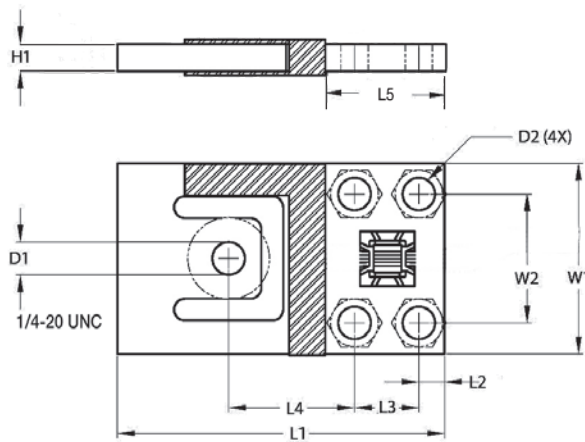
Picture is a representation of actual product.

Order Information

Load Rating	Part #	Est. Weight	Price
15 kg	100272	1 lb	\$87.00
37.5 kg	104645	1 lb	\$92.00
75 kg	100273	1 lb	\$97.00
150 kg	100274	1 lb	\$102.00

Dimensions

Rated Capacity	L1	L2	L3	L4	L5	W1	W2	H1	D1	D2
kg/mm										
15.0	70.0	4.9	14.0	28.0	23.7	39.0	27.8	4.1	7.6	5.1
37.5	76.2	6.0	15.0	29.3	27.0	44.5	30.0	4.8	7.6	6.6
75.0	84.4	6.4	15.0	34.0	27.7	54.8	30.0	6.4	7.6	6.6
150.0	107.3	7.8	22.9	45.9	38.4	69.9	44.5	7.9	9.1	8.1



Interchangeable Products

FLINTEC®
PB

Specifications

Full Scale Output:

1.0 mV/V

Output Resistance:

1,000 (± 10) ohm

Input Resistance:

1,180 (± 50) ohm

Material/Finish:

Aluminum

Temperature:

Operating:
0 °F to 150 °F (-18 °C to 65 °C)

Seal Type:

Environmentally sealed, IP65

Safe Overload:

150% full scale

Rated Excitation:

5 to 15 VDC

Combined Error:

0.05% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

15 kg: 1.0 m
37.5 kg, 75 kg, 150 kg: 1.5 m

Cable Color Code:

Green +Excitation
Black -Excitation
White +Signal
Red -Signal

Warranty:

Two-year limited



Picture is a representation of actual product.

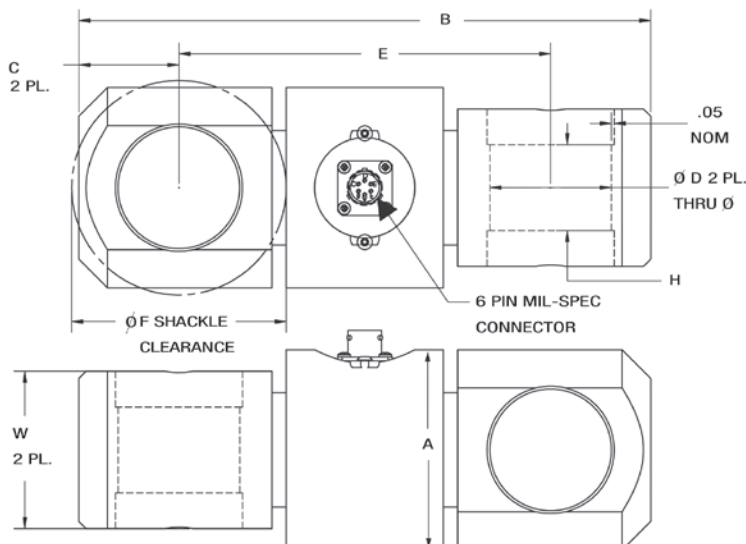
Order Information

Load Rating	Part #	Est. Weight	Price
5,000 lb	117731	5 lb	\$1,430.00
10,000 lb	117732	5 lb	\$1,430.00
25,000 lb	117733	8 lb	\$1,690.00
50,000 lb	117735	34 lb	\$2,915.00
75,000 lb	117736	34 lb	\$2,915.00
100,000 lb	117737	56 lb	\$3,127.00
150,000 lb	117738	56 lb	\$3,127.00
200,000 lb	117739	95 lb	\$5,565.00
250,000 lb	117740	117 lb	\$5,989.00
300,000 lb	117741	191 lb	\$8,427.00
500,000 lb	117742	191 lb	\$8,427.00
Replacement Parts			
40 ft load cell cable	187132		\$175.00

NOTE: Consult factory for shackles

Dimensions

Rated Capacity	A	B	C	ØD	E	ØF	W	H
lb/in								
5,000 to 10,000	2.00	6.50	1.00	1.05	4.50	2.38	1.37	0.75
25,000	2.75	8.00	1.38	1.55	5.25	2.88	2.00	1.00
50,000 to 75,000	3.25	14.00	2.50	2.31	9.00	5.00	3.00	1.75
100,000 to 150,000	4.00	16.00	2.88	2.88	10.25	6.25	4.00	2.00
200,000	6.00	18.00	3.25	3.38	11.50	6.50	4.75	2.38
250,000	6.50	20.00	3.75	3.88	12.50	7.50	5.00	2.75
300,000 to 500,000	7.50	24.00	4.50	4.31	15.00	9.50	5.40	3.00

**Specifications****Full Scale Output:**

3.0 (± 0.1%) mV/V

Bridge Resistance:

350 ohm, nominal

Material/Finish:

Stainless steel

Temperature:Operating:
0 °F to 150 °F (-18 °C to 65 °C)**Seal Type:**

Environmentally sealed, IP67

Safe Overload:

150% full scale

Rated Excitation:

5 to 10 VDC (15 V maximum)

Linearity:

0.05% full scale

Repeatability:

0.03% full scale

Insulation Resistance:

5,000 megohm

Cable Length:

40 ft

Cable Diameter:0.25 in
Polyurethane jacket with connector**Cable Color Code:**Green +Excitation
Black -Excitation
White +Signal
Red -Signal**Warranty:**

Two-year limited



Standard Features

- Customized for individual integrated solutions where it will be permanently installed to monitor loads and overloading protection. Machined from 17-4 stainless steel ensures safety, strength and corrosion resistance.

(Contact MSI for application consultation)

For most overhead weighing applications, traditional scales are an ideal solution. However, applications with limited to no headroom require specialty equipment beyond even reduced-height or low-profile crane scales.

One such solution is an MSI load pin sensor. A load pin sensor is a type of load cell that directly replaces clevis, pivot, normal shaft or equalizer pins. Load pin sensors are designed to be permanently installed, so they can continuously monitor vertical or horizontal tension. An integrated load pin provides load monitoring and overload protection without impacting headroom to promote safety and to prevent costly equipment damage.

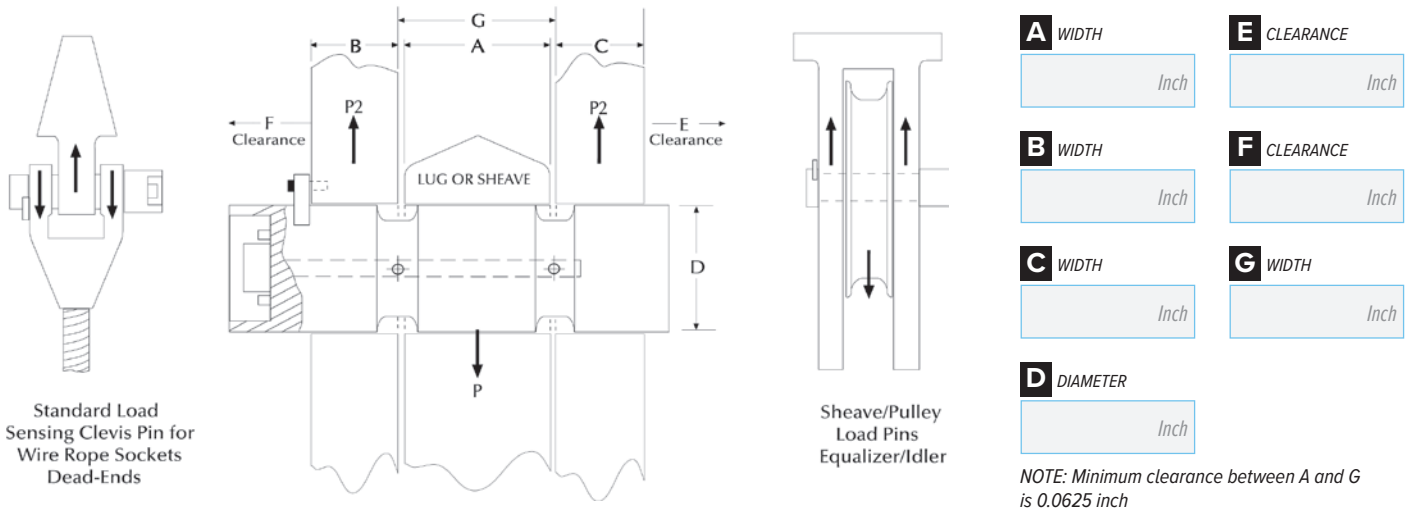
Rice Lake's industry leading engineers design and manufacture custom load pin sensors for any application. Every load pin is constructed from stainless steel for safety, strength (minimum 5:1) and corrosion resistance.

To receive a quote for a load pin sensor, complete the load pin questionnaire on page 756 or online at www.ricelake.com/questionnaires. For further assistance, contact an MSI overhead weighing specialist.

Load Pin Questionnaire

Company: Name:
Date: Phone: Email:

Load Pin Critical Dimensions



Load Pin Data

Lube port: ☐ Yes ☐ No No. of exits

Hoist capacity: tons

Part of wire rope:

Sensor capacity: tons

Safety factor: ☐ 3:1 ☐ 5:1 ☐ 7:1 ☐ 10:1

Application:

Accuracy requirement:

Temperature requirement:

Output requirement:

Material testing requirements:

Load vector orientation/alignment:
☐ ← ☐ → ☐ ↑ ☐ ↓

Cable Connections

☐ End-mounted cable:

☐ End-mounted connector (standard):

☐ Side-mounted cable:

☐ Side-mounted connector

☐ Recessed connector:

Sensor's cable length: feet

Comments:



Standard Features

- Integrates between a crane block and lifting equipment to provide force measurement for lifted items. This is an ideal solution for crane weighing and features a 7:1 safety factor for compliance with industrial and military safety requirements.

Options

(Contact MSI for application consultation)

- Top lifting eye or shackle with Crosby® (or equivalent) 360° thrust-bearing swivel hook

Specifications

Accuracy:

0.1% sensor accuracy

Rating/Material:

4340 steel

Full Scale Output:

0.8 mV/V

Output Resistance:

2,000 ohm

Input Resistance:

1,500 ohm

Connector Pin Out:

A: EX +
B: Sig +
C: Sig -
D: EX -

Part Number/Price

Part #	Description	Price
181907	2 K 7200 style load cell only	Consult
181908	5 K 7200 style load cell only	Consult
181909	10 K 7200 style load cell only	Consult
178093	25 K 7200 style load cell only	Consult
178094	50 K 7200 style load cell only	Consult
181910	100 K 7200 style load cell only	Consult

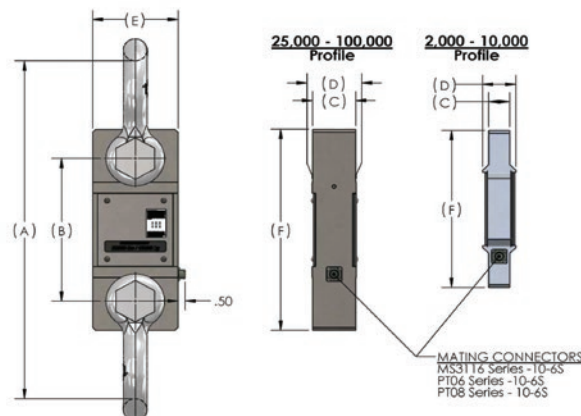
Contact factory for higher capacities

Options/Accessories

Part #	Description	Price
165978	Load cell to MSI-7001 interface cable, 6.5 ft	\$345.00
165979	Load cell to MSI-7001 interface cable, 10 ft	\$365.00
165990	Load cell to MSI-7001 interface cable, 25 ft	\$460.00
134505	Load cell mating cable to bare wires, 10 ft	\$210.00

Dimensions

Capacity (lbs)	P/N	Load Cell Material	(A) Headroom Loss	(B) C-C Length	(C) Lug Thk	(D) Body Thk	(E) Body Width	(F) Body Length	Lug Hole	Crosby Shackle
2,000	181907	Aluminum	13.50 in	8.00 in	0.99 in	2.13 in	4.50 in	9.75 in	0.78 in	3-1/4 T 151357
5,000	181908	Aluminum	13.50 in	8.00 in	0.99 in	2.13 in	4.50 in	9.75 in	0.78 in	3-1/7 T 151357
10,000	181909	Aluminum	16.13 in	8.50 in	1.35 in	2.13 in	5.37 in	10.75 in	1.05 in	6-1/2 T 151355
25,000	178093	Steel	22.39 in	9.26 in	2.24 in	2.24 in	4.80 in	12.76 in	1.67 in	17 T 141992
50,000	178094	Steel	25.74 in	9.76 in	2.74 in	2.81 in	5.43 in	13.76 in	2.05 in	25 T 151356
100,000	181910	Steel	28.49 in	10.74 in	3.09 in	3.09 in	6.86 in	15.74 in	2.30 in	55 T 146336



MSI Clamp-On

Load Cell

LOAD CELLS /
WEIGH MODULES



Standard Features

- A durable solution for measuring wire rope tension and preventing overloads for cranes and hoists. Available in two envelopes for accommodating the most common wire ropes. With the SCT-2000, weight-based setpoints can provide the operator alerts and safety shut-offs based on unsafe load conditions.

Options

(Contact MSI for application consultation)

- Custom sizes available on request
- Pair with an SCT transmitter for basic safety functions

Specifications

Rating/Material:

4340 steel, zinc plated
IP68

Output Resistance:

350 ohm

System Accuracy of Calibrated

Capacity:

3 to 5%

Cable Length:

20 ft integral cable with blunt end termination

Cable Color Code:

Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Part Number/Price

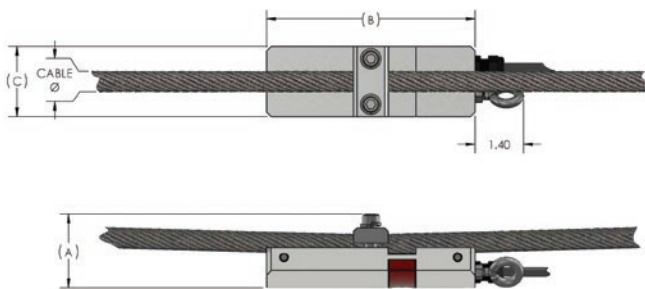
Part #	Description	Price
179080	Load Cell Assembly Clamp-On for 3/8 to 1/2 in wire rope	\$810.00
179082	Load Cell Assembly Clamp-On for 9/16 to 3/4 in wire rope	\$940.00
188816	Kit with SCT-2200 for 3/8 to 1/2 in wire rope	\$1,415.00
188817	Kit with SCT-2200 for 9/16 to 3/4 in wire rope	\$1,565.00

Larger diameter clamp ons available - call for pricing

Dimensions

Cable Range	Part #	A	B	C
3/8 to 1/2	179080	Cable + 1.70	6.00	2.00
9/16 to 3/4	179082	Cable + 1.67	6.00	2.00

*8mm cable can be used with PN 179080



Optional SCT-2200 transmitter