

RLTM

Stainless Steel Tank Weigh Modules



Picture is a representation of actual product

The RLTM weigh module assembly features a stainless steel, welded seal RL30745 NTEP Certified load cell and a fully stainless mount including all associated hardware. Using a rocker pin-loading concept, this design provides accurate weighing in most conditions. Standard features include both overload and overlift protection, making it ideal for most outdoor low-capacity tank and vessel weighing applications. Each Rice Lake RLTM module is provided standard with one load cell with 30 feet of cable and one mount.

Load Cell Specifications

Full scale Output:

2.0 (\pm 0.2) mV/V

Bridge Resistance:

350 ohms

Material/Finish:

Stainless steel

Temperature:

Compensated range
15°F to 104°F (-97°C to 40°C)

Safe Overload:

150% full scale

Safe Sideload:

100% full scale

Rated Excitation:

15VDC

Combined Error:

0.03% full scale

Insulation Resistance:

5,000 megohms

Seal Type:

Welded seal, IP67

Cable Length:

30 ft (9.1 m) (500 lb-10,000 lb)

Cable Color Code:

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

Warranty:

Two-year limited warranty

Standard Features

- Capacities: 500 lb-10,000 lb (226.8 kg-4536.0 kg)
- Stainless steel
- Overload and overlift protection
- Rocker pin loading
- Welded seal load cells
- Integral lateral stops
- 30 ft cable on load cells

Applications

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

Complete Kit Includes

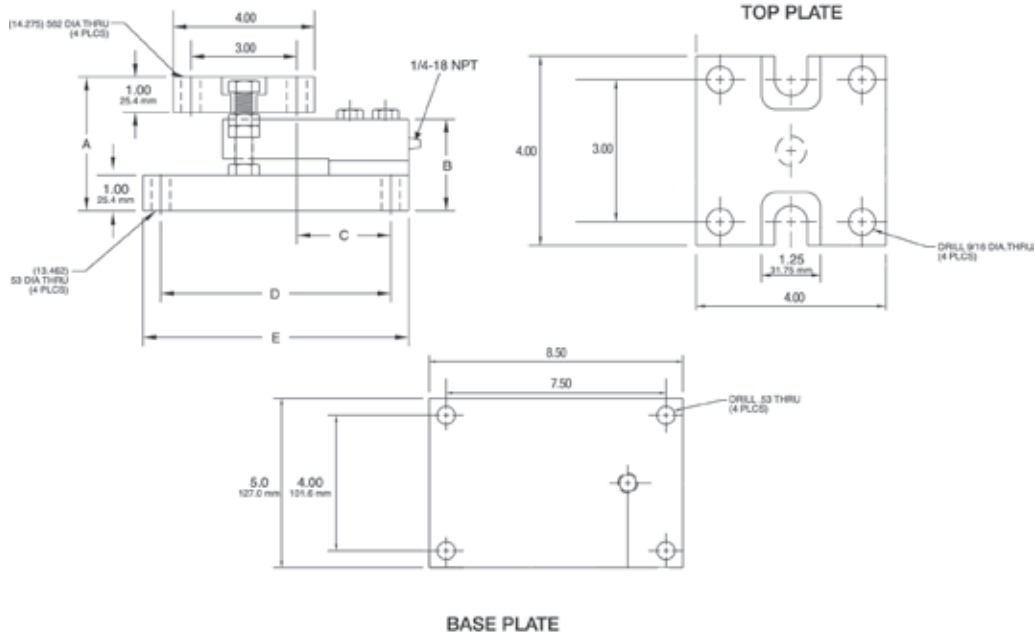
- 1 JB4SS NEMA Type 4X stainless steel signal trim junction box
- 3 or 4 Rice Lake RLTM stainless steel mounting assemblies
- 25 ft of our hostile environment EL147HE SURVIVOR® load cell cable

Load Cell Certifications



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Dimensions

RATED CAPACITY	A	B	C	D	E
lb/inches					
500-2,500	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
kg/mm					
226.8-1,134.0	95.7	65.7	66.5	165.1	190.5
2,268.0	101.3	71.8	66.5	165.1	190.5
4,536.0	108.4	78.2	98.5	190.5	215.9

Order Information

LOAD RATING (PER MODULE)	PART #	PRICE
500 lb (226.8 kg)	159288	\$895.00
1,250 lb (567.0 kg)	159289	895.00
2,500 lb (1,134.0 kg)	159290	895.00
5,000 lb (2,268.0 kg)	159291	1,095.00
10,000 lb (4,536.0 kg)	159292	1,095.00
3-Module Kit		
500 lb (226.8 kg)	162942	2,795.00
1,250 lb (567.0 kg)	162944	2,795.00
2,500 lb (1,134.0 kg)	162945	2,795.00
5,000 lb (2,268.0 kg)	162946	3,495.00
10,000 lb (4,536.0 kg)	162947	3,495.00

Order Information

LOAD RATING	PART #	PRICE
4-Module Kit		
500 lb (226.8 kg)	162948	\$3,695.00
1250 lb (567.0 kg)	162949	3,695.00
2500 lb (1,134.0 kg)	162950	3,695.00
5000 lb (2,268.0 kg)	162951	4,495.00
10,000 lb (4,536.0 kg)	162953	4,495.00