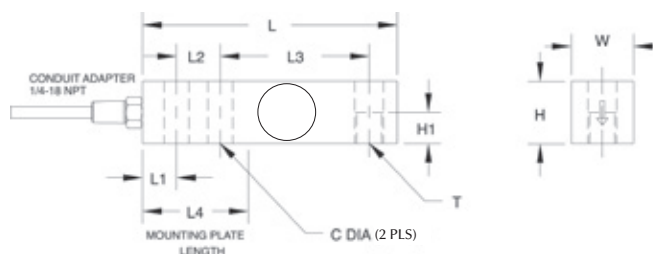


RL35082

Single-ended Beam, Stainless Steel, NTEP Certified 1:5000 Class III Multiple Cell, Welded-seal, IP67, IP69K**



Picture is a representation of actual product



Specifications

Full Scale Output: 2.0 mV/V	Safe Overload: 150% full scale	Insulation Resistance: 5,000 megohms	Conduit Adapter Size: 1/4-18 NPT
Output Resistance: 349-355 ohms	Safe Sideload: 100% full scale	Deflection at Capacity: 1,000 lb-4,000 lb = 0.012 in (0.33 mm) 5,000 lb-10,000 lb = 0.030 in (0.81 mm)	Cable Color Code: Red+ Excitation Black- Excitation Green+ Signal White- Signal
Input Resistance: 343-357 ohms	Rated Excitation: 5-10 VDC (15 V maximum)	Seal Type: Welded-seal strain gauge, IP67	Warranty: Two-year limited warranty
Material/Finish: Stainless steel	Combined Error: 0.02% full scale	Cable Length: 30 ft* (9.1 m); 20 ft (6.1 m)	Approvals:
Temperature: Compensated range 14°F to 104°F/-10°C to 40°C Operating range -40°F to 150°F/-40°C to 65°C	Non-Repeatability: 0.01% full scale	Cable Diameter: 0.220 PTFE coated cable	

Dimensions

RATED CAPACITY	C	H	H1	L	L1	L2	L3	L4	T	W
lb/inches										
1,000-4,000	0.53	1.22	0.61	5.12	0.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.22
5,000-10,000	0.78	1.50	0.75	6.75	0.75	1.50	3.75	3.00	3/4-16 UNF-2B	1.50
kg/mm										
453.6-1,814.4	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF-2B	31.0
2,268.0-4,535.9	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF-2B	38.1

Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
RL35082 N5/IP67 Model 20 ft			
1,000 lb (453.6 kg)	31283	3 lb	\$425.00
2,500 lb (1,134.0 kg)	31282	3 lb	425.00
4,000 lb (1,814.4 kg)	31281	3 lb	425.00
5,000 lb (2,268.0 kg)	31280	5 lb	475.00
10,000 lb (4,535.9 kg)	31279	5 lb	475.00
RL35082HE N5/IP69K Model 20 ft			
1,000 lb (453.6 kg)	34702	3 lb	505.00
2,500 lb (1,134.0 kg)	34703	3 lb	505.00
4,000 lb (1,814.4 kg)	34704	3 lb	505.00
5,000 lb (2,268.0 kg)	34705	5 lb	555.00
10,000 lb (4,535.9 kg)	34706	5 lb	555.00
RL35082HE* N5/IP69K Model 30 ft			
1,000 lb (453.6 kg)	173854	3 lb	555.00
2,500 lb (1,134.0 kg)	173856	3 lb	555.00
4,000 lb (1,814.4 kg)	173857	3 lb	555.00
5,000 lb (2,268.0 kg)	173858	5 lb	605.00
10,000 lb (4,535.9 kg)	173859	5 lb	605.00

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®	65083S	309

Weigh Module Available

MANUFACTURER	MODEL	PAGE #
Rice Lake Weighing Systems	RL50210	52
Rice Lake Weighing Systems	RL1800 Series	62

*Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry

**IP69K hermetically sealed versions have 1/2-14 NPT conduit adapter