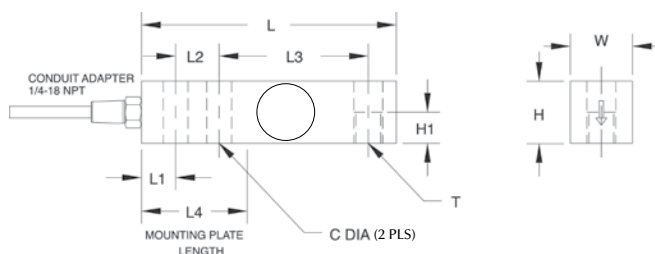


RL35082

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**Output Resistance:**
349-355 ohms**Input Resistance:**
343-357 ohms**Material/Finish:**
Stainless steel**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**Safe Overload:**
150% full scale**Safe Sideload:**
100% full scale**Rated Excitation:**
5-10 VDC (15 V maximum)**Combined Error:**
0.02% full scale**Non-Repeatability:**
0.01% full scale**Insulation Resistance:**
5,000 megohms**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)**Seal Type:**
Welded-seal strain gauge, IP67**Cable Length:**
20 ft (6.1 m)**Cable Diameter:**
0.220 PTFE coated cable**Conduit Adapter Size:**
1/4-18 NPT***Cable Color Code:**

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

Warranty:
Two-year limited warranty**Approvals:**

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			
1,000 lb (453.6 kg)	31283	3 lb	Consult
2,500 lb (1,134.0 kg)	31282	3 lb	Consult
4,000 lb (1,814.4 kg)	31281	3 lb	Consult
5,000 lb (2,268.0 kg)	31280	5 lb	Consult
10,000 lb (4,535.9 kg)	31279	5 lb	Consult
RL35082HE N5/IP69K Model			
1,000 lb (453.6 kg)	34702	3 lb	Consult
2,500 lb (1,134.0 kg)	34703	3 lb	Consult
4,000 lb (1,814.4 kg)	34704	3 lb	Consult
5,000 lb (2,268.0 kg)	34705	5 lb	Consult
10,000 lb (4,535.9 kg)	34706	5 lb	Consult

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

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Scentroidronics®	65083S	313

Weigh Module Available

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