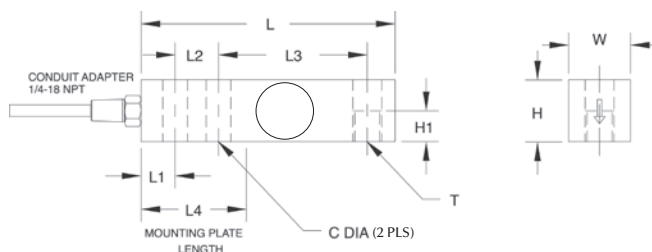


RL35083

Single-ended Beam, Stainless Steel, Welded-seal, IP67



Picture is a representation of actual product



Specifications

Full Scale Output:
3.0mV/V

Output Resistance:
349-355 ohms

Input Resistance:
343-357 ohms

Material/Finish:
Stainless steel

Temperature:
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:
0.03% full scale

Non-Repeatability:
0.01% full scale

Insulation Resistance:
5,000 megohms

Deflection at Capacity:
1,000 lb-4,000 lb=0.008 in-0.026 in
(0.203 mm-0.66 mm)
5,000 lb-10,000 lb=0.030 in-0.055 in
(0.76 mm-1.397 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
1,000 lb	(453.6 kg)	17252	3 lb	Consult
2,500 lb	(1,134.0 kg)	17253	3 lb	Consult
4,000 lb	(1,814.4 kg)	17254	3 lb	Consult
5,000 lb	(2,268.0 kg)	17255	5 lb	Consult
10,000 lb	(4,535.9 kg)	17256	5 lb	Consult

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

Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG Sensortronics®	65083	308
VPG Celtron®	SQB-HSS	201

Weigh Module Available

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