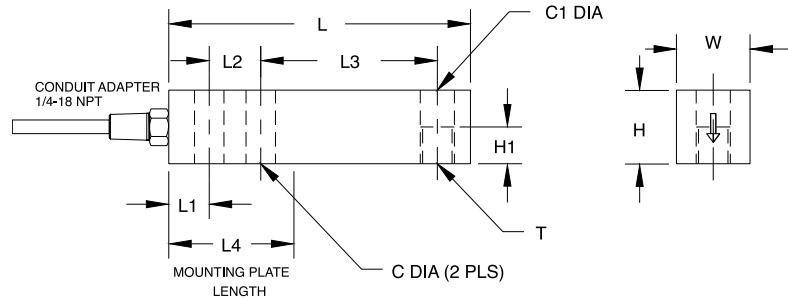


RL35083 Single-Ended Beam, Stainless Steel Welded-seal, IP67



Picture is a representation of actual product

RATED CAPACITY	DIMENSIONS											
	C	C1	H	H1	L	L1	L2	L3	L4	T	W	
lb/inches												
1000-4000	.53	.53	1.22	.61	5.12	.62	1.00	3.00	2.25	1/2-20 UNF-2B	1.22	
5000-10,000	.78	.78	1.50	.75	6.75	.75	1.50	3.75	3.00	3/4-16 UNF-2B	1.50	
kg/mm												
453.6-1814.4	13.5	13.5	31.0	15.5	130.0	15.7	25.4	76.2	57.2	1/2-20 UNF-2B	31.0	
2268.0-4535.9	19.8	19.8	38.1	19.1	171.5	19.1	38.1	95.3	76.2	3/4-16 UNF-2B	38.1	

SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range 0°F to 150°F/-18°C to 65°C
Safe Overload: 150% Full scale
Rated Excitation: 10V DC (15V maximum)
Combined Error: 0.03% Full scale
Non-Repeatability: 0.01% Full scale
Insulation Resistance: 5000 megohms

Deflection at Capacity: 1000 lb = .013"/.33 mm, 2500 lb = .015"/.38 mm, 4000-5000 lb = .025"/.64 mm, 10,000 lb = .032"/.81 mm
Seal Type: Welded-seal strain gauge*, IP67
Cable Length: 20'/6.1 m Teflon 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

RL35083 ORDER INFORMATION

Load Rating	Part #	Price
1000 lb (453.6 kg)	17252.....	\$405.00
2500 lb (1134.0 kg)	17253.....	\$405.00
4000 lb (1814.4 kg)	17254.....	\$405.00
5000 lb (2268.0 kg)	17255.....	\$455.00
10,000 lb (4535.9 kg)	17256.....	\$455.00

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

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Vishay Sensortronics	(see page 304) 65083
Vishay Celtron	(see page 187) SQB-HSS

WEIGH MODULE AVAILABLE

Model	Page #
RL50210 TA	32
RL1800 Series	44