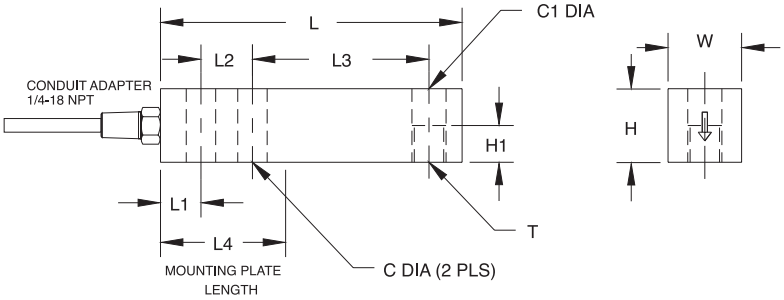
RL35083 Single-Ended Beam, Stainless Steel
Welded Seal, IP67



FM APPROVED

RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	T	W
	DIMENSIONS										
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/millimeters											
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 (35083)
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"/.33mm, 2500 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm
Seal Type:	Welded seal strain gauge*, IP67
Cable Length:	20'/6.1m Teflon coated cable
Conduit Adapter Size:	1/4-18 NPT
Cable Color Code:	Red ..... + Excitation Black ..... – Excitation Green ... + Signal White ..... – Signal
Warranty:	2 years

RL35083 ORDER INFORMATION

Load Rating	Part #	Suggested List 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

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	(see page 277) 65083

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30

Teflon is a registered trademark of E.I. Dupont.

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