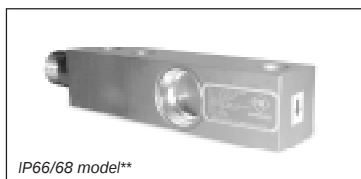


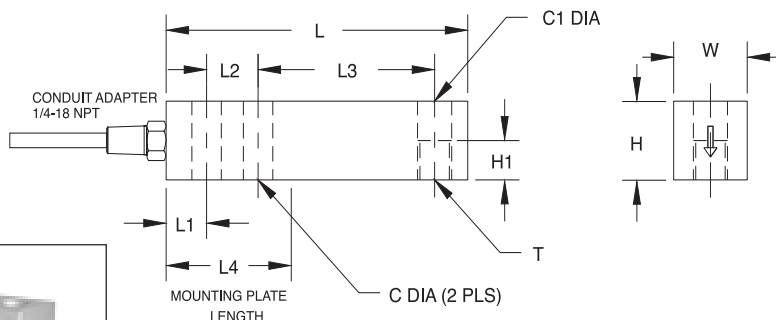
RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL35082 Single-Ended Beam, Stainless Steel Welded Seal, IP67, IP66/68, NTEP 1:5000 Class III Multiple Cell



IP66/68 model**



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/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: 2.0 mV/V (35082)
Bridge Resistance: 350 ohms, nominal
Material/Finish: Stainless steel
Temperature: Compensated range
14°F to 104°F/-10°C to 40°C
Safe Overload: 150% Full scale
Rated Excitation: 10V DC (15V maximum)
Combined Error: 0.02% 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

RL35082 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
IP67:		
1000 lb (453.6 kg)	31283	\$425.00
2500 lb (1134.0 kg)	31282	\$425.00
4000 lb (1814.4 kg)	31281	\$425.00
5000 lb (2268.0 kg)	31280	\$475.00
10,000 lb (4535.9 kg)	31279	\$475.00
IP66/68:		
1000 lb (453.6 kg)	34702	\$505.00
2500 lb (1134.0 kg)	34703	\$505.00
4000 lb (1814.4 kg)	34704	\$505.00
5000 lb (2268.0 kg)	34705	\$555.00
10,000 lb (4535.9 kg)	34706	\$555.00

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Sensortronics	(see page 278) 65083S
Tedea-Huntleigh	(see page 307) 3510-lbs

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30

**IP66/68 versions have 1/2-14 NPT conduit adapter

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.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice