

Load Cells/Weigh Modules

RLHTO Single-Ended Beam

Stainless Steel



STANDARD FEATURES

- Low-profile platforms, pallet truck weighers, tanks and silos
- Full scale output: 2.0mV/V
- Bridge resistance: 350 ohms, nominal
- Stainless steel
- Hermetically sealed, IP66/68

APPROVALS



SPECIFICATIONS

FULL SCALE OUTPUT:

2.0mV/V

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:

10VDC (15V maximum)

TOTAL ERROR:

0.02% Applied Load

INSULATION RESISTANCE:

1000 megohms

DEFLECTION AT CAPACITY:

500-5000kg = .4mm (.015 in)

SEAL TYPE:

Hermetically sealed, IP66/68

CABLE LENGTH:

16.4ft (5m)

CABLE COLOR CODE:

Blue + Excitation
Black - Excitation
Green + Sense
Grey - Sense
White + Signal
Red - Signal

WARRANTY:

Two-year limited warranty

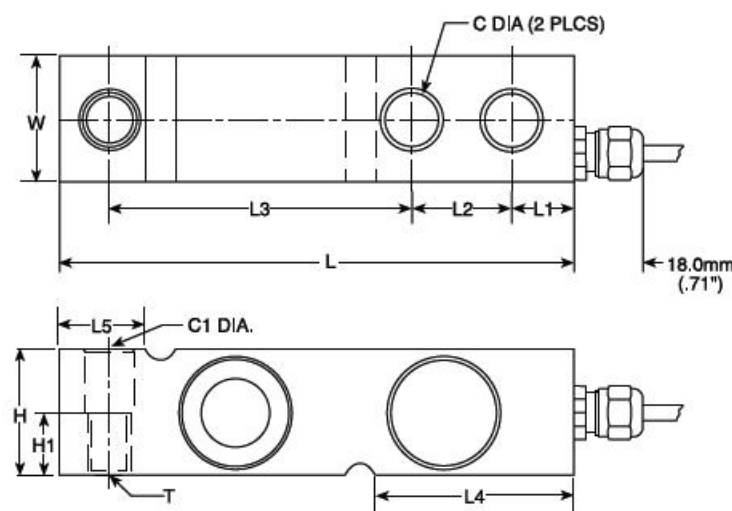
DIMENSIONS

RATED CAPACITY	C	C1	H	H1	L	L1	L2	L3	L4	L5	T	W
kg/mm												
500-2000	13.5	13.5	32.0	16.0	130.0	15.8	25.4	76.2	50.5	23.5	M12 x 1.75 Thrd.	32.0
5000	20.5	20.5	48.0	—	171.5	19.0	38.1	95.3	70.0	37.0	—	36.5
lb/inches												
1102.3-4409.2	.53	.53	1.26	.63	5.12	.62	1.00	3.00	1.99	.93	M12 X 1.75 Thrd.	1.26
11,023.1	.80	.80	1.89	—	6.75	.75	1.50	3.75	2.76	1.46	—	1.44

LOAD RATING

PART

500kg (1102.5lb)	31253
1000kg (2205.0lb)	31250
2000kg (4410.0lb)	31251
5000kg (11,025.0lb)	31252



Load Cells