

Load Cells/Weigh Modules

RL1040 Single-Point

Aluminum



APPROVALS



STANDARD FEATURES

- Weighing platforms, hanging scales, low-capacity beams
- Full scale output: 2.0mV/V
- Bridge resistance: 350 ohms, nominal
- Anodized aluminum
- Environmentally sealed, potted and unpotted models

SPECIFICATIONS

FULL SCALE OUTPUT:
2.0mV/V

BRIDGE RESISTANCE:
350 ohms, nominal

MATERIAL/FINISH:
Anodized aluminum

TEMPERATURE:
Compensated range
14°F to 104°F (-10°C to 40°C)

SAFE OVERLOAD:
200% at center loading point, full scale

RATED EXCITATION:
10VDC/AC (15V maximum)

TOTAL ERROR:
.02% Full scale

INSULATION RESISTANCE:
5000 megohms

DEFLECTION AT CAPACITY:
3-100kg ≤ .015in (.4mm)

SEAL TYPE:
Environmentally sealed, potted & unpotted models

CABLE LENGTH:
10ft (3.1 m)

CABLE COLOR CODE:
Green + Excitation
Black - Excitation
Blue + Sense
Brown - Sense
Red + Signal
White - Signal

PLATFORM SIZE:
16in x 16in

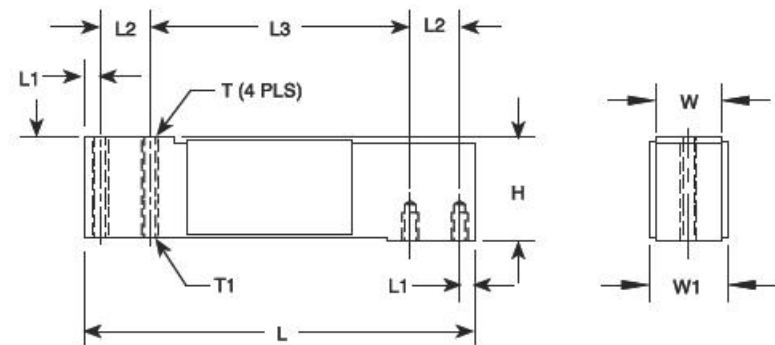
WARRANTY:
Two-year limited warranty

DIMENSIONS

RATED CAPACITY kg/mm	H	L	L1	L2	L3	T	T1	W	W1
3-100	40.0	150.0	5.95	19.05	100.0	1/4-20 UNC X 10 DP	1/4-28 UNF X 10 DP	25.4	29.4
lb/inches									
6.6-220.5	1.57	5.91	.23	.75	3.94	1/4-20 UNC X 0.39 DP	1/4-28 UNF X 0.39 DP	1.00	1.16

LOAD RATING

	PART #
NTEP 1:5000, Potted	
7 kg (15.4lb)	32860....
10kg (22.1lb)	32861....
15kg (33.1lb)	32862....
20kg (44.1lb)	32863....
30kg (66.1lb)	32864....
50kg (110.2lb)	32865....
100kg (220.5lb)	32866....
NTEP 1:5000, Unpotted	
5 kg (11.0lb)	32859....



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