

RL1010 Single-Point

Aluminum



APPROVALS



STANDARD FEATURES

- For use with platform scales
- Full scale output: 2.0mV/V
- Bridge resistance: 350 ohms, nominal
- Anodized aluminum
- 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 of loading point,
full scale

RATED EXCITATION:

10VDC/AC (15V maximum)

TOTAL ERROR:

.02% Full scale

INSULATION RESISTANCE:

5000 megohms

DEFLECTION AT CAPACITY:

3-90 kg ≤ .4 mm (.015 in)

SEAL TYPE:

Potted & unpotted models available

CABLE LENGTH:

Potted 10ft (3.1 m)
unpotted 3 in (0.9 m)

CABLE COLOR CODE:

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

PLATFORM SIZE:

15.75 in x 15.75 in

WARRANTY:

Two-year limited warranty

DIMENSIONS

RATED
CAPACITY
kg/mm

	A	B	C	D	E	F	G	H	K	L	M	N
3-90	118.1	34.0	3.0	110.5	66.0	80.0	25.0	1/4-20 UNC X 13 DP	7.5	19.1	25.4	33.5
lb/inches												
6.6-198.4	4.65	1.34	.12	4.35	2.60	3.15	.98	1/4-20 UNC X 0.50 DP	.30	.75	1.00	1.32

LOAD RATING

	PART #
NTEP 1:5000, Potted	
10kg (22.1 lb)	50819...
15kg (33.1 lb)	50820...
20kg (44.1 lb)	50821...
30kg (66.1 lb)	50822...
50kg (110.2 lb)	50823...
Non-NTEP, Potted	
7kg (15.4 lb)	17529...
10kg (22.1 lb)	17530...
15kg (33.1 lb)	17531...
20kg (44.1 lb)	17532...
30kg (66.1 lb)	17533...
50kg (110.2 lb)	17534...
90kg (198.4 lb)	17535...
Non-NTEP, Unpotted	
3kg (6.6 lb)	17527...
5kg (11.0 lb)	17528...

