

RL1042 Single-Point

Aluminum



STANDARD FEATURES

- Platform weighing applications
- Full scale output: 2.0mV/V
- Bridge resistance: 350 ohms, nominal
- Aluminum
- Environmentally sealed

APPROVALS



SPECIFICATIONS

FULL SCALE OUTPUT:

2.0mV/V

BRIDGE RESISTANCE:

350 ohms, nominal

MATERIAL/FINISH:

Aluminum

TEMPERATURE:

Compensated temperature 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% Full scale

DEFLECTION AT CAPACITY:

-100kg ≤ .015in (.4mm)

INSULATION RESISTANCE:

5000 megohms

SEAL TYPE:

Environmentally sealed

CABLE LENGTH:

10ft (3.1m)

CABLE COLOR CODE:

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

WARRANTY:

Two-year limited warranty

DIMENSIONS

**RATED
CAPACITY**
kg/mm

	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
1-30	20.0	37.9	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
50-100	25.2	37.9	150.0	19.0	100.0	25.0	34.0	19.0	34.0	40.0	1.0	1/4-20 UNC-2B
lb/inches												
2.2-66.1	.787	1.496	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B
110.2-220.5	.992	1.496	5.91	.75	3.937	.984	1.339	.75	1.339	1.575	.040	1/4-20 UNC-2B

LOAD RATING

PART

1 kg (2.2lb)	40955...
3 kg (6.6lb)	40956...
5 kg (11.0lb)	40957...
10kg (22.0lb)	40958...
15kg (33.1 lb)	40959...
20kg (44.1 lb)	40960...
30kg (66.1 lb)	40961...
50kg (110.2lb)	40962...
75kg (165.4lb)	40963...
100kg (220.5lb)	40964...

