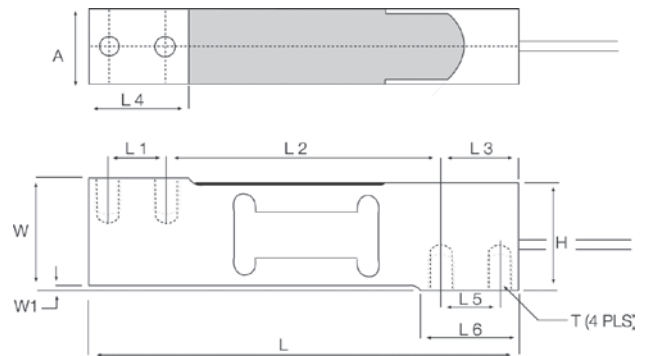


# RL1042

Single Point, Aluminum NTEP Certified 1:5000 Class III Single Cell



Picture is a representation of actual product



## Specifications

**Full Scale Output:**

2.0mV/V

**Output Resistance:**

350 (± 3) ohms

**Input Resistance:**

415 (± 15) ohms

**Material/Finish:**

Aluminum

**Temperature:**

Compensated range  
14°F to 104°F/-10°C to 40°C

Operating range

-40° F to 150° F/-40° C to 65° C

**Safe Overload:**

150% full scale  
Over-center loading point

**Rated Excitation:**

5-10 VDC (15 V maximum)

**Total Error:**

0.02% full scale

**Deflection at Capacity:**

1 kg-100 kg=0.4 mm (0.015 in)

**Insulation Resistance:**

2,000 megohms

**Seal Type:**

Environmentally sealed

**Cable Length:**

3.1 m (10 ft)

**Cable Diameter:**

0.20/PVC jacket

**Cable Color Code:**

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

**Max Platform Size:**

15.75 x 15.75 in

**Warranty:**

Two-year limited warranty

**Approvals:**



## Dimensions

RATED CAPACITY	A	H	L	L1	L2	L3	L4	L5	L6	W	W1	T
<b>lb/inches</b>												
2.2-66.1	0.787	1.54	5.91	0.75	3.937	0.984	1.339	0.75	1.339	1.575	0.040	1/4-20 UNC-2B
110.2-220.5	0.992	1.54	5.91	0.75	3.937	0.984	1.339	0.75	1.339	1.575	0.040	1/4-20 UNC-2B
<b>kg/mm</b>												
1-30	20.00	39.00	150.00	19.00	100.00	25.00	34.00	19.00	34.00	40.00	1.00	1/4-20 UNC-2B
50-100	25.2	39.00	150.00	19.00	100.00	25.00	34.00	19.00	34.00	40.00	1.00	1/4-20 UNC-2B

## Order Information

LOAD RATING	PART #	EST. SHIPPING WEIGHT	PRICE
1 kg (2.2 lb)	40955	1 lb	Consult
3 kg (6.6 lb)	40956	1 lb	Consult
5 kg (11.0 lb)	40957	1 lb	Consult
10 kg (22.0 lb)	40958	1 lb	Consult
15 kg (33.1 lb)	40959	1 lb	Consult
20 kg (44.1 lb)	40960	1 lb	Consult
30 kg (66.1 lb)	40961	1 lb	Consult
50 kg (110.2 lb)	40962	2 lb	Consult
75 kg (165.4 lb)	40963	2 lb	Consult
100 kg (220.5 lb)	40964	2 lb	Consult

## Interchangeable Products

MANUFACTURER	MODEL	PAGE #
VPG TedeA-Huntleigh®	1042	337
HBM®	SP4	251
Flintec®	PC 42	—
Rice Lake Weighing Systems	RLSP4	174