

UB1

Stainless Steel, Hermetically Sealed, IP69K



Dimensions

Picture is a representation of actual product

Rated Capacity	A	B	D	E
kN/in				
10 kN-20 kN*	5/8-18	1.18	3.38	3.62
50 kN*	1-12 UNF	1.69	5.62	5.37
lb/mm				
2,250-4,500	5/8-18	30.0	85.9	92.0
11,250	1-12	42.9	68.1	136.4

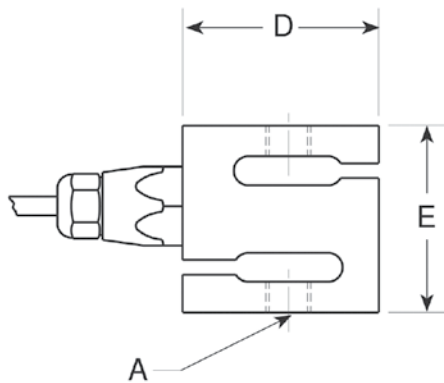
Order Information

Load Rating		Part #	Est. Weight	Price
UB1				
10 kN*	2,250 lb	17073	4 lb	Consult
20 kN*	4,500 lb	17074	4 lb	Consult
50 kN*	11,250 lb	17075	13 lb	Consult
Conduit adapter, 1/2-14 NPT		17703	1 lb	Consult

*kN=Kilonewtons, 1 kN=224.8089 lb

**Matched outputs via mV/V/ohm calibration

Also available with metric threads



Specifications

Full Scale Output:

2.0 mV/V**

Output Resistance:

1,000 (± 2) ohms

Input Resistance:

1,100 (± 50) ohms

Material/Finish:

Stainless steel

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:

200% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Nonlinearity:

0 to -0.03% full scale

Hysteresis:

0 to +0.05% full scale

Total Error:

± 0.03%

Insulation Resistance:

10,000 megohms

Seal Type:

Hermetically sealed, IP69K

Cable Length:

20 ft (6.1 m)

Cable Diameter:

0.196 polyurethane jacket

Cable Color Code:

- Green + Excitation
- Black - Excitation
- White + Signal
- Red - Signal
- Yellow Shield

Warranty:

One-year limited warranty

Approvals:



Available upon request

