

9010

Fluid Damped Aluminum, Environmentally Sealed, IP65



APPROVALS



Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 5) ohm
- Input Resistance:**
415 (± 15) ohm
- Material/Finish:**
Aluminum
- Temperature:**
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Environmentally sealed, IP65

- Safe Overload:**
800% full scale downward,
400% full scale upward

- Rated Excitation:**
15 VDC (15 V maximum)

- Combined Error:**
0.03% full scale

- Insulation Resistance:**
5,000 megohms

- Cable Length:**
3 ft (0.9 m)

- Cable Diameter:**
0.370 PVC jacket

- Cable Color Code:**
Green +Excitation
Black -Excitation
Red +Signal
White -Signal
Blue +Sense
Brown -Sense

- Warranty:**
One-year limited warranty

- Approvals:**
cFMus

Dimensions

Picture is a representation of actual product

Rated Capacity	D	H	H1	H3	L	L1	L2	L3	T	W	W2
kg/mm											
3-50	19.05	115.2	97.3	10.0	199.5	46.0	71.5	119.8	1/4-20 UNC x 20 DP	92.0	82.0
lb/in											
6.6-110.2	0.75	4.53	3.83	0.39	7.85	1.81	2.81	4.72	1/4-20 UNC x 0.79 DP	3.62	3.23

Order Information

Load Rating	Part#	Est. Weight	Price	
3 kg	6.6 lb	Consult	7 lb	\$950.00
5 kg	11.0 lb	Consult	7 lb	\$950.00
7 kg	15.4 lb	Consult	7 lb	\$950.00
10 kg	22.0 lb	Consult	7 lb	\$950.00
15 kg	33.1 lb	Consult	7 lb	\$950.00
20 kg	44.1 lb	Consult	7 lb	\$950.00
30 kg	66.1 lb	Consult	7 lb	\$950.00
50 kg	110.2 lb	Consult	7 lb	\$950.00

Note: The special fluid damped operation is particularly well-suited for applications where quick weightment is required, e.g., checkweighers

9010 load cells are custom-manufactured per specific application requirements; use the Application Definition Form on the last page of this section as well as on-line to define your applications Available in stainless steel with breather vent option for washdown applications

