

1200 Series

Low-Profile Alloy Steel/Aluminum, Environmentally Sealed, IP67



Specifications

Full Scale Output:
2.0 mV/V (1,000-2,000 lb)
4.0 mV/V (5,000-100,000 lb)

Bridge Resistance:
350 ohms, nominal

Material/Finish:
1,000 lb-2,000 lb (aluminum)
5,000 lb-100,000 lb (alloy steel)

Temperature:
Operating range
0°F to 150°F (-18°C to 65°C)

Seal Type:
Environmentally sealed, IP67

Safe Overload:
150% full scale

Rated Excitation:
5-10 VDC (20 V maximum)

Nonlinearity:
0.05% full scale

Hysteresis:
0.02-0.04% full scale

Insulation Resistance:
5,000 megohms

Cable Length:
10ft (3.1m)

Cable Color Code:
Red +Excitation
Black -Excitation
Green +Signal
White -Signal

Warranty:
Two-year limited warranty

Dimensions

Picture is a representation of Model 1211

Rated Capacity	C	D	D1	D2	H	H1
lb/in						
1,000-10,000	0.28 dia 8 holes	4.12	2.63	1.34	1.37	0.12
25,000-50,000	0.34 dia 4 holes	4.75	2.95	1.57	1.75	0.12
100,000	0.47 dia 12 holes	7.50	4.32	3.12	2.25	0.25
kg/mm						
453.6-4,535.9	7.1 dia 8 holes	104.6	66.8	34.00	34.8	3.00
11,339.8-22,679.6	8.6 dia 4 holes	120.7	74.9	39.9	44.5	3.00
45,359.2	11.9 dia 12 holes	190.5	109.7	79.2	57.2	6.4

Order Information

Load Rating	Part #	Est. Weight	Price
Aluminum			
1,000 lb	453.6 kg	36132	4 lb Consult
2,000 lb	907.2 kg	36133	4 lb Consult
Alloy Steel			
5,000 lb	2,268.0 kg	36134	5 lb Consult
10,000 lb	4,535.9 kg	36135	5 lb Consult
25,000 lb	11,339.8 kg	36136	8 lb Consult
50,000 lb	22,679.6 kg	36137	8 lb Consult
100,000 lb	45,359 kg	36138	22 lb Consult

Consult factory for load cell bases

