

792

Stainless Steel, Welded Seal, NTEP Certified 1:10,000 Class III L Multiple Cell, IP68



APPROVALS



Interchangeable Products

RICE LAKE WEIGHING SYSTEMS
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 ARTECH®
90405 —

Specifications

- Full Scale Output:**
2.0 mV/V
- Output Resistance:**
350 (± 3.5) ohm
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350 (± 3.5) ohm
- Material/Finish:**
Stainless steel
- Temperature:**
Compensated range
14°F to 104°F (-10°C to 40°C)
Operating range
0°F to 150°F (-18°C to 65°C)
- Seal Type:**
Welded-seal, IP68
- Safe Overload:**
150% full scale
- Rated Excitation:**
5-10 VDC (15 V maximum)
- Non-repeatability:**
0.01% full scale
- Combined Error:**
0.03% full scale
- Insulation Resistance:**
5,000 megohms
- Deflection at Capacity:**
50,000 lb=0.004 in (0.102 mm)
100,000 lb=0.006 in (0.152 mm)
200,000 lb=0.009 in (0.228298 mm)
- Cable Length:**
35 ft (10.7 m)
- Cable Diameter:**
0.295 polyurethane jacket
- Cable Color Code:**
Green +Excitation
Black -Excitation
White +Signal
Red -Signal
- Warranty:**
One-year limited warranty
- Approvals:**
cFMus
NTEP

Dimensions

Picture is a representation of actual product

Rated Capacity	D	D1	D2	H	H1	H2	H3	R	R1	T
lb/in										
50,000	4.50	1.25	2.38	7.50	3.06	1.60	0.75	6.00	3.75	3/8-24 UNF x .63 DP
100,000	5.75	1.75	4.00	9.13	2.60	1.60	1.05	12.00	4.05	1/2-20 UNF x .75 DP
200,000	7.50	2.50	5.50	11.63	3.95	1.60	0.97	12.00	5.11	5/8-18 UNF x 1.00 DP
kg/mm										
22,679.6	114.3	31.8	58.4	190.5	77.7	40.6	19.1	152.4	95.3	3/8-24 UNF x 16.0 DP
45,359.2	146.1	44.5	101.6	231.9	66.0	40.6	26.6	304.8	102.9	1/2-20 UNF x 19.1 DP
90,718.5	190.5	63.5	139.7	295.4	100.3	40.6	24.6	304.8	129.8	5/8-18 UNF x 25.4 DP

Order Information

Load Rating	Part #	Est. Weight	Price
50,000 lb	31307	19 lb	Consult
100,000 lb	31306	35 lb	Consult
200,000 lb	31305	74 lb	Consult

