

Interchangeable Products

RICE LAKE WEIGHING SYSTEMS

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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% at center of loading point,
full scale

Rated Excitation:
5-10 VDC (15 V maximum)

Total Error:
0.02% full scale

Deflection at Capacity:
3 kg-90 kg=0.015 in (0.4 mm)

Seal Type:
Potted, IP67
Unpotted, IP65

Cable Length:
10 ft (3.1 m)

Cable Diameter:
0.200 PVC jacket

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

Platform Size:
15.75 in x 15.75 in

Warranty:
One-year limited warranty

Approvals:



Dimensions

Picture is a representation of actual product

| Rated Capacity | A | B | C | D | E | F | G | H | K | L | M | N |
|----------------|--------|-------|------|-------|-------|-------|-------|--------------------|------|-------|------|------|
| kg/mm | | | | | | | | | | | | |
| 3-90 | 118.00 | 34.00 | 3.00 | 110.5 | 66.00 | 80.00 | 25.00 | 1/4-20UNC x 13 DP | 7.5 | 19.05 | 25.4 | 33.5 |
| lb/in | | | | | | | | | | | | |
| 6.6-198.4 | 4.65 | 1.34 | 0.12 | 4.35 | 2.60 | 3.15 | 0.98 | 1/4-20UNC x 0.5 DP | 0.30 | 0.75 | 1.00 | 1.32 |

Order Information

| Load Rating | Part# | Est. Weight | Price |
|---|-------|-------------|---------|
| Potted, NTEP Certified 1:5000, IP67 | | | |
| 10 kg | 33727 | 2 lb | Consult |
| 15 kg | 33728 | 2 lb | Consult |
| 20 kg | 33729 | 2 lb | Consult |
| 30 kg | 33730 | 2 lb | Consult |
| 50 kg | 33731 | 2 lb | Consult |
| Potted, Non-NTEP Certified, IP67 | | | |
| 5 kg | 17462 | 2 lb | Consult |
| 7 kg | 17463 | 2 lb | Consult |
| 10 kg | 17464 | 2 lb | Consult |
| 15 kg | 17465 | 2 lb | Consult |
| 20 kg | 17482 | 2 lb | Consult |
| 30 kg | 17475 | 2 lb | Consult |
| 50 kg | 17476 | 2 lb | Consult |
| 90 kg | 17471 | 2 lb | Consult |
| <i>Model 1015 is available as a special request</i> | | | |
| Unpotted, NTEP Certified 1:5000, IP65 | | | |
| 5 kg | 33732 | 2 lb | Consult |
| 7 kg | 33733 | 2 lb | Consult |
| Unpotted, Non-NTEP Certified, IP65 | | | |
| 3 kg | 17481 | 1.2 lb | Consult |

