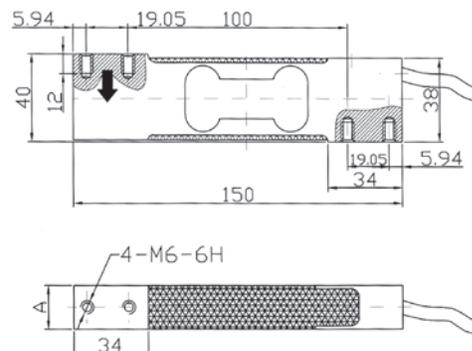


RSP3 Single Point, Aluminum Load Cell, OIML



(All dimensions are in mm)

Suggested Mounting



Wiring Information

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

Dimensions

Capacity	kg	
	2,20	50,100
A	20	25.4

Accuracy Specifications

Accuracy	
Non-linearity	± 0.015% of Full Scale
Hysteresis	± 0.015% of Full Scale
Non-repeatability	± 0.01% of Full Scale

Ordering Information

Multiple Load Cell Capacities	
RSP1	Part No.
2 kilogram	RSP3-002M-A
20 kilogram	RSP3-020M-A
50 kilogram	RSP3-050M-A
100 kilogram	RSP3-100M-A

Load Cell Specifications

Zero Balance	± 2%
Safe Overload	to 150% of capacity (200% Ultimate Overload)
Rated Excitation	10V DC (15V Maximum)
Full Scale Output	2 mV/V ± 10%
Connections	450mm Cable
Input Impedance	410 ± 15 Ohm
Output Impedance	350 ± 3 Ohm
Insulation	> 2,000 MΩ / 50 VDC
Creep, in 30 min	± 0.017% of Full Scale
Operating Temperature Range	-20°C to 60°C with TARE
Temperature Effect on Output	0.017% of Full Scale/10°C
Temperature Effect on Zero	0.017% of Full Scale/10°C
Platform Size	300 mm x 400 mm
Seal Type	IP65

Calibration Options

*C01	Compression
*C02	Tension
*C03	Universal

Certifications



Note:

This load cell does not need a spacer when building a scale with platforms on either side of the load cell. The load cell has a built in offset to enable it to deflect when loaded on one side while fixed on the other side.

Compatible Accessories

Recommended Interfaces



DI-100U/DI-1000U
Digital Load Cell Interface



DI-1000Z
Wireless Load Cell Interface



AI-1000
Signal Conditioner



RD-1000
Resistive Load Cell Display

Wireless Load Cell Configuration



USB Load Cell Configuration



Analog Load Cell Configuration

