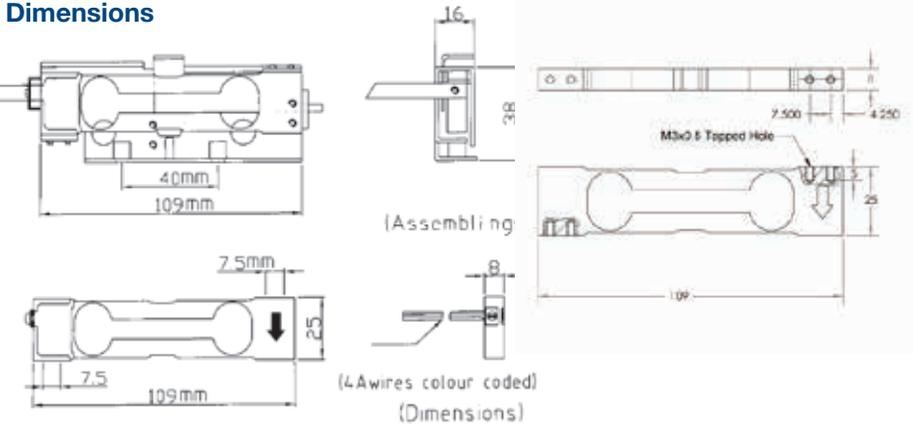


RSP2 Single Point, Overload Protected Aluminum Load Cell

Dimensions



Accuracy Specifications

Accuracy	
Non-linearity	± 0.03% of Full Scale
Hysteresis	± 0.03% of Full Scale
Non-repeatability	± 0.02% of Full Scale

Load Cell Specifications

Zero Balance	± 2%
Safe Overload	to 150% of capacity (200% Ultimate Overload)
Rated Excitation	10V DC (15V Maximum)
Full Scale Output	1.5 mV/V 1.0 mV/V <0.3kg
Connections	400mm Cable
Input Impedance	410 ±15 Ohm
Output Impedance	350 ± 3 Ohm
Insulation	> 2,000 MΩ / 50 VDC
Creep, in 30 min	± 0.03% of Load
Operating Temperature Range	-20°C to 60°C with TARE
Temperature Effect on Output	0.02% of Full Scale/10°C
Temperature Effect on Zero	0.02% of Full Scale/10°C
Platform Size	250 mm x 300 mm
Seal Type	IP65

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

Wiring Information

Cable Color Codes (Type 1)

—	+	Excitation
	-	Excitation
+	+	Signal
●	●	Signal

Cable Color Codes (Type 2)

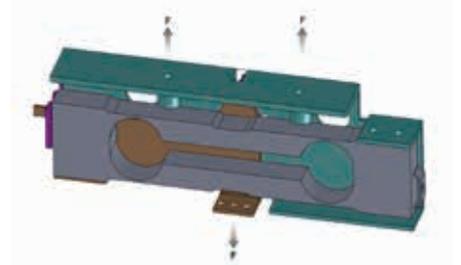
—	+	Excitation
—	-	Excitation
X	X	Signal
—	-	Signal

Ordering Information

Multiple Load Cell Capacities With Overload Protection	
RSP2	Part No.
0.1 kilogram	RSP2-0R1M-A
0.6 kilogram	RSP2-0R6M-A
1 kilogram	RSP2-001M-A
2 kilogram	RSP2-002M-A

Mounting Instructions

with mounting bracket



Mounting Instructions

without mounting bracket



Wireless Load Cell Configuration



USB Load Cell Configuration



Analog Load Cell Configuration

