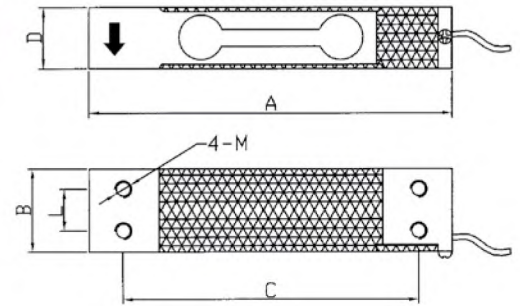


RSP1 SINGLE POINT, ALUMINUM LOAD CELL

Dimensions



Capacity	kg/mm	
	5,10,20	50
A	130	130
B	30	50
C	106	106
D	22	22
L	15	15
M	M6	M6



Wiring Information

Cable Color Code

Red.....+ Excitation
 Black.....- Excitation
 Green.....+ Signal
 White.....- Signal

Accuracy Specifications

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

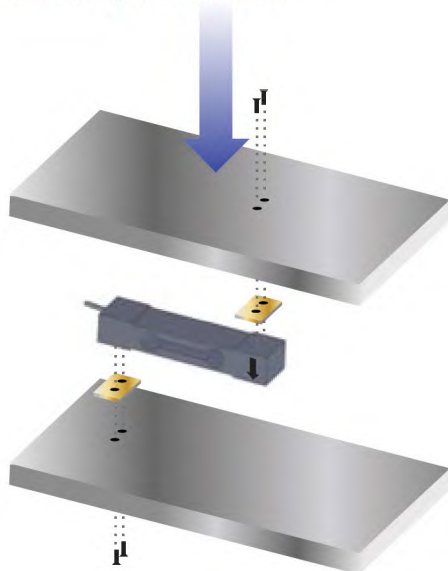
Ordering Information

Multiple Load Cell Capacities	
RSP1	Part No.
5 kilogram	RSP1-005M-A
10 kilogram	RSP1-010M-A
20 kilogram	RSP1-020M-A
50 kilogram	RSP1-050M-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	250 mm x 300 mm
Seal Type	IP65

Mounting Instructions



Compatible Accessories

Recommended Interfaces



DI-100/DI-1000U
 Digital Load Cell Interface
 (see page 58)



DI-1000Z
 Wireless Load Cell Interface
 (see page 58)



AI-1000
 Signal Conditioner
 (see page 57)



RD-1000
 Resistive Load Cell Display
 (see page 59)