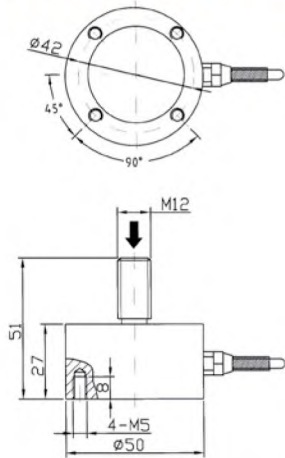


# RSB3 Low Profile Load Cell With Threaded Stud



## Accuracy Specifications

Accuracy	
Non-linearity	± 0.1% of Full Scale
Hysteresis	± 0.05% of Full Scale
Non-repeatability	± 0.05% of Full Scale

## Wiring Information

**Cable Color Code**  
 Red.....+ Excitation  
 Black.....- Excitation  
 Green.....+ Signal  
 White.....- Signal

## Load Cell Specifications

Zero Balance	± 2%
Safe Overload	to 120% of capacity (300% Ultimate Overload)
Rated Excitation	10V DC (15V Maximum)
Full Scale Output	1.5 mV/V
Connections	1m Cable
Input Impedance	400 ± 30 Ohm
Output Impedance	350 ± 5 Ohm
Insulation	> 2,000 MΩ
Creep, in 30 min	± 0.05% of Load
Operating Temperature Range	-20°C to 60°C with TARE
Temperature Effect on Output	0.05% of Full Scale/10°C
Temperature Effect on Zero	0.05% of Full Scale/10°C
Seal Type	IP66

## Ordering Information

### Multiple Load Cell Capacities

RSB3	Part No.
50 kilogram	RSB3-050M-S
100 kilogram	RSB3-100M-S
200 kilogram	RSB3-200M-S
500 kilogram	RSB3-500M-S

## 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)