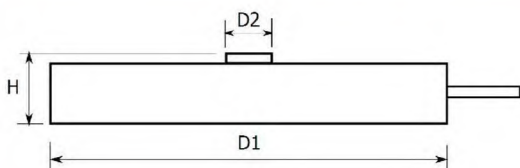


## RSB5 SUBMINIATURE LOAD CELL- COMPRESSION ONLY



Capacity	150, 500, 1000 g	5, 10, 50 lb
D1	0.38	0.38
D2	0.09	0.09
H	0.13	0.13

(All dimensions in inches)  
 A small 2" long circuit board is included in the cable, 2 ft from the load cell. Do not remove this board.



### Accuracy Specifications

Accuracy	
Non-linearity	± 0.5% of Full Scale
Hysteresis	± 0.5% of Full Scale
Non-repeatability	± 0.1% of Full Scale

### Load Cell Specifications

Zero Balance	0.3% of Full Scale
Safe Overload	150% of Full Scale
Full Scale Output	15 m V/V (150 g to 500 g) 1.5 m V/V (1000 g) 2 m V/V (5 to 50 lb)
Connections	5 ft cable
Input Impedance	500 Ω (150 g to 500 g) 350 Ω (1000 g and above)
Insulation	≥ 5000 MΩ
Excitation Voltage	5 V DC
Compensated Temperature Range	60 to 160 °F
Temperature Effect on Zero	0.01% of F.S / °F
Temperature Effect on Span	0.05% of F.S / °F

### Wiring Information

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

### Ordering Information

Capacity	Part No.
150 g	RSB5-150G-S
500 g	RSB5-500G-S
1000 g	RSB5-001M-S
5 lb	RSB5-005-S
10 lb	RSB5-010-S
50 lb	RSB5-050-S

### Calibration Options

*Co1	Compression
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### Recommended Interfaces



DI-100/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

