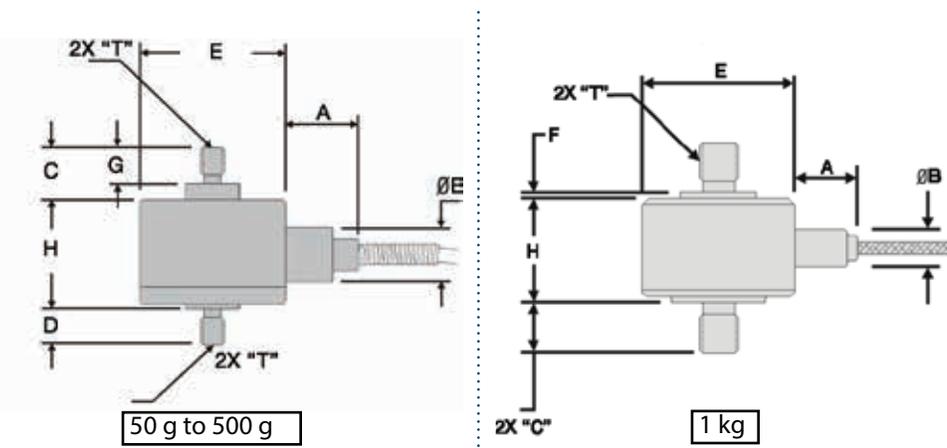


RSB7 Universal Load Cell With Threaded Stud



Accuracy Specifications

Accuracy	
Non-linearity	± 0.15% of Full Scale
Hysteresis	± 0.15% of Full Scale
Non-repeatability	± 0.1% of Full Scale

Load Cell Specifications

Capacity	50 g to 500 g	1 kg
Zero Balance	1% of Full Scale	1% of Full Scale
Safe Overload	5 lb (2.27 kg)	1.5 kg
Output	0,1 mV/V max (50 g to 150 g) 20 mV/V (250 g to 500 g)	1.5 mV/V
Connections	5ft cable	5ft cable
Output Impedance	350 ± 5 Ω	350 ± 5 Ω
Insulation	5000 MΩ	5000 MΩ
Excitation Voltage	5 V DC	5 V DC
Compensated Temperature Range	+15°C to +71°C	+15°C to +71°C
Temperature Effect on Zero	0.015% of F.S. / 10°F	0.005% of F.S. / 10°F
Temperature Effect on Span	0.015% of F.S. / 10°F	0.005% of F.S. / 10°F
Weight	90 g	21 g
Material	17-4 P-H Stainless Steel	17-4 P-H Stainless Steel
Natural frequency	740 Hz	3000 Hz

Wiring Information

Cable Color Code	
Red	+ Excitation
Black	- Excitation
White	+ Signal
Green	- Signal
Yellow	Not used

Ordering Information

Capacity	Part No.
50 g	RSB7-050G-S
150 g	RSB7-150G-S
250 g	RSB7-250G-S
500 g	RSB7-500G-S
1 kg	RSB7-001M-S

Calibration Options

*C01	Compression
*C02	Tension
*C03	Universal

Dimensions

Dimension	50 g to 500 g	1 kg
A	13.2 mm (.52 in)	7.87 mm (0.31 in)
B	9.65 mm (0.38 in)	4.83 mm (0.19 in)
C	9.14 mm (0.36 in)	6.35 mm (0.25 in)
D	6.35 mm (0.25 in)	-
E	25.4 mm (1.00 in)	19.05 mm (0.75 in)
F	-	1.27 mm (0.05 in)
G	6.35 mm (0.25 in)	-
H	19.05 mm (0.75 in)	11.43 mm (0.45 in)
T	#6-32 UNC	#6-32 UNC

Compatible Accessories

Recommended Interfaces



DI-1000U/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

