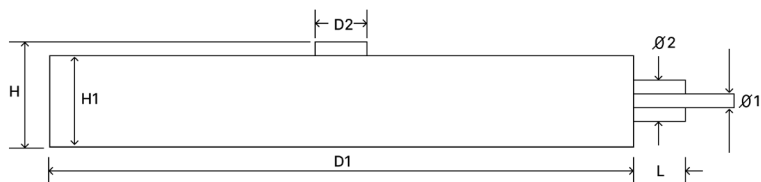


RSB5 SUBMINIATURE LOAD CELL- COMPRESSION ONLY



Capacity	10, 50 lb	100 lb
D1	10	10
D2	1.5	2.5
H	3.5	3.5
H1	3	3
Ø 1	1.6	1.6
Ø 2	2.85	2.85
L	4	4

(All dimensions in mm)

Accuracy Specifications

Accuracy	
Non-linearity	± 1% of Full Scale
Hysteresis	± 1% of Full Scale
Non-repeatability	± 0.5% of Full Scale

Load Cell Specifications

Zero Balance	± 2% of Full Scale
Safe Overload	120% of Full Scale
Full Scale Output	1 ~ 1.5 m V/V
Connections	5ft cable
Input Impedance	350 Ω ± 10 Ω
Output Impedance	350 Ω ± 5 Ω
Insulation	≥ 5000 MΩ / 100 VDC
Excitation Voltage	5 V DC
Compensated Temperature Range	-10 to 40 °C
Operating Temperature Range	-20 to 80 °C
Temperature Effect on Zero	± 0.1% of F.S / °F
Temperature Effect on Span	± 0.1% of F.S / °F

Wiring Information

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

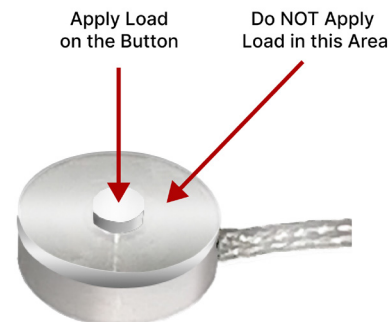
Ordering Information

Capacity	Part No.
10 lb	RSB5-010-S
50 lb	RSB5-050-S
100 lb	RSB5-100-S

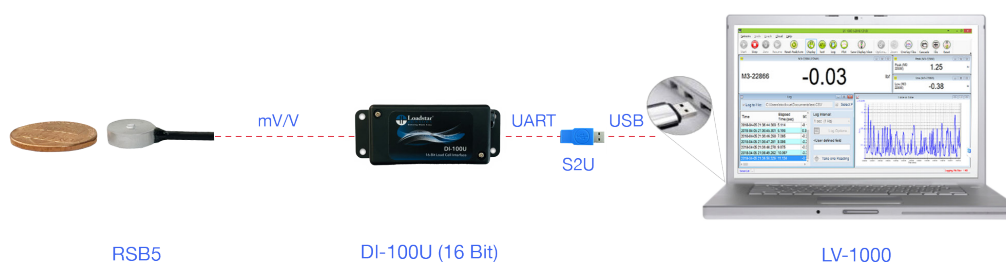
Calibration Options

*C01	Compression
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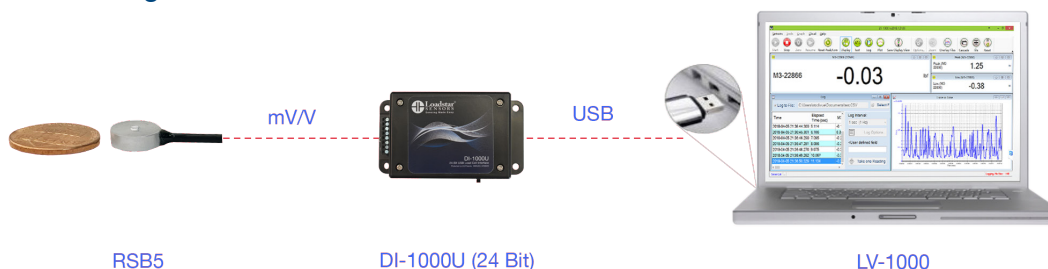
Recommended Interfaces

DI-100/DI-1000U
Digital Load Cell InterfaceDI-1000ZP/DI-1000WiFi/
DI-1000-BLE
Wireless Load Cell InterfaceAI-1000
Signal ConditionerDS-3000-Pro/DS-4000-Pro
Touch Screen Display

USB/UART Load Cell Configuration



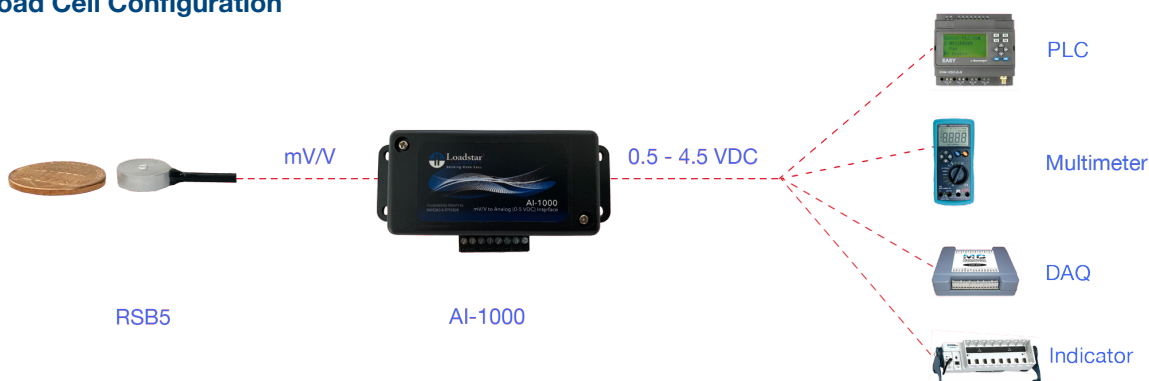
USB Load Cell Configuration



Wireless Load Cell Configuration



Analog Load Cell Configuration



Touchscreen LCD Display Configuration

