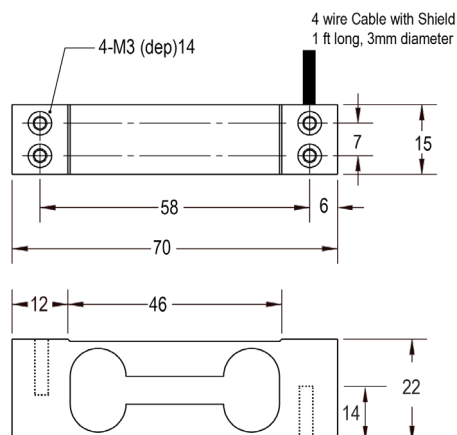


RAPG Single Point, Aluminum Load Cell, OIML

Dimensions (in mm)



Accuracy Specifications

Accuracy	
Non-linearity	± 0.02% of Full Scale
Hysteresis	± 0.02% of Full Scale
Non-repeatability	± 0.02% of Full Scale

Load Cell Specifications

Zero Balance	± 2%
Safe Overload	to 150% of capacity (300% Ultimate Overload)
Rated Excitation	10V DC (20V Maximum)
Full Scale Output	Group 1: 1 mV/V ± 10% Group 2,3,4: 2 mV/V ± 10%
Connections	1ft Cable
Input Impedance	420 ± 30 Ohm
Output Impedance	350 ± 4 Ohm
Insulation	> 5,000 MΩ
Creep, in 1 hour	± 0.02% of Full Scale
Operating Temperature Range	-10°C to 50°C with TARE
Temperature Effect on Output	15 ppm/°C of Load
Temperature Effect on Zero	40 ppm/°C of Full Scale
Seal Type	IP66

Compatible Accessories

Recommended Interfaces



DI-100U/DI-1000U
Digital Load Cell Interface



DI-1000Z
Wireless Load Cell Interface



AI-1000
Signal Conditioner



RD-1000
Resistive Load Cell Display



SX-RAPG1
Shim



iWeigh
Scale

Wiring Information

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

Certifications



Ordering Information

Multiple Load Cell Capacities	
Group 1	Part No.
100 gram	RAPG-100G-A
300 gram	RAPG-300G-A
1 kilogram	RAPG-001M-A
2 kilogram	RAPG-002M-A
3 kilogram	RAPG-003M-A

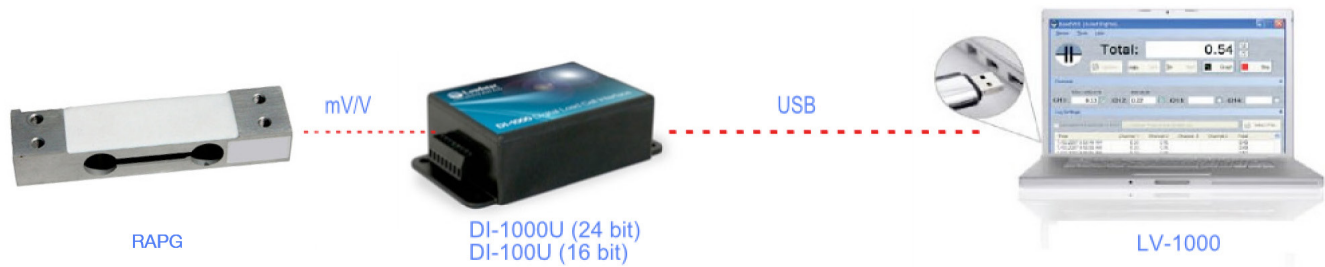
Calibration Options

*C01	Compression
*C02	Tension
*C03	Universal

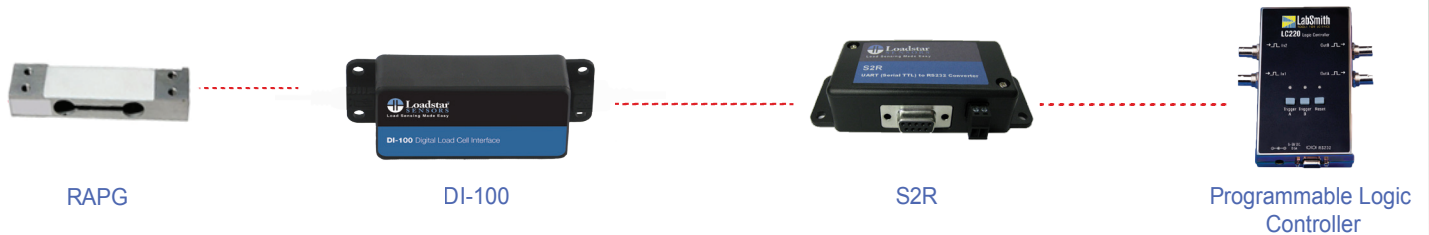
Wireless Load Cell Configuration



USB Load Cell Configuration



RAPG + DI-100 to RS-232



Analog Load Cell Configuration

