



Load Cells

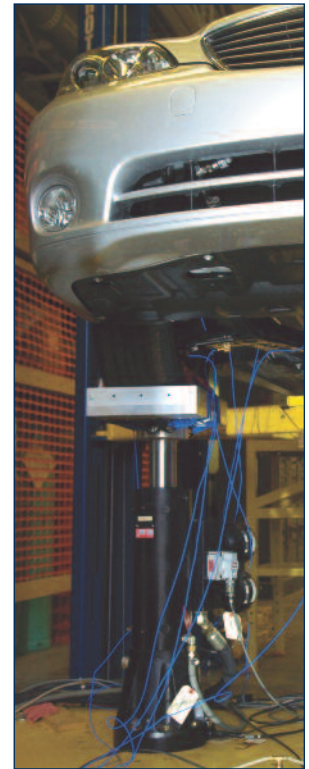
For Test, Measurement, and Monitoring Requirements in Automotive, Aerospace, R&D, and Process Control Applications

Highlights

- Low Deflection; High Accuracy
- Fatigue-rated Versions
- Low Profile
- Temperature and Pressure Compensated
- A2LA Accredited Calibration
- NIST Traceable Calibration

Applications

- Materials Testing
- Component Life Cycle Testing
- Structural Testing
- Press Applications
- Torque Arm



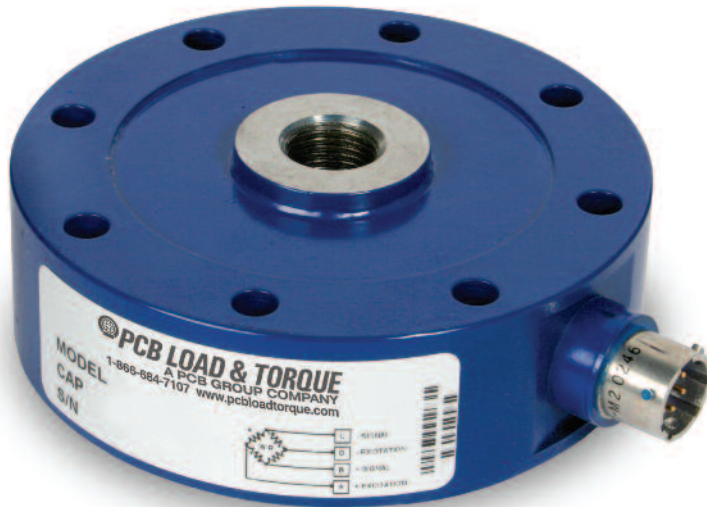
Strain Gage Load Cells

PCB® Load & Torque, Inc., manufactures a wide range of high-accuracy, strain gage load cells for aerospace, automotive, industrial, and process control applications.

General purpose load cells are suitable for a wide range of routine static force measurement applications, including weighing, structural testing, and material testing machines.

Fatigue-rated load cells are specifically designed for fatigue testing machine manufacturers and users, or any application where high cyclic loads are present. Applications include material testing, component life cycle testing, and structural testing. All fatigue-rated load cells are guaranteed against fatigue failure for 100 million fully reversed cycles.

As with all PCB® instrumentation, this equipment is complemented with toll-free applications assistance, 24-hour technical service, and is backed by a no risk policy that guarantees satisfaction or your money refunded.



General Purpose Low Profile Load Cells

General Purpose Load Cells are suitable for a wide range of general force measurement applications, including weighing, dynamometer use, and static material test machines. Most all General Purpose load cells operate in tension and compression, and offer excellent accuracy at an affordable price.

Features:

- Low profile design
- Low deflection
- NIST traceable calibration
- Built-in temperature compensation
- Direct replacement for competitive models

General Purpose Low Profile Load Cells							
Model Number	1203-01A	1203-02A	1203-03A	1203-04A	1203-05A	1204-02A	1204-03A
Measurement Range	500 lb 2.2 kN	1 klb 4.4 kN	2 klb 8.9 kN	5 klb 22.2 kN	10 klb 44.5 kN	25 klb 111 kN	50 klb 220 kN
Overload Limit	750 lb 3.3 kN	1.5 klb 6.6 kN	3 klb 13.3 kN	7.5 klb 33.3 kN	15 klb 66.7 kN	37.5 klb 166 kN	75 klb 330 kN
Sensitivity	2 mV/V	2 mV/V	2 mV/V	3 mV/V	3 mV/V	3 mV/V	3 mV/V
Non-Linearity	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS
Hysteresis	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS
Non-Repeatability	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS
Temperature Range	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C
Temperature Range Compensated	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C
Bridge Resistance	700 Ohm	700 Ohm	700 Ohm	700 Ohm	700 Ohm	700 Ohm	700 Ohm
Excitation Voltage [1]	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC
Size (Diameter x Height)	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm
Mounting	5/8-18 Thread	5/8-18 Thread	5/8-18 Thread.	5/8-18 Thread	5/8-18 Thread	1 1/4 -12 Thread	1 1/4 -12 Thread
Electrical Connector	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P
Supplied Accessories							
Shunt Calibration Resistor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Additional Versions							
Alternate Electrical Connector	1203-01B PC04E-10-6P	1203-02B PC04E-10-6P	1203-03B PC04E-10-6P	1203-04B PC04E-10-6P	1203-05B PC04E-10-6P	1204-02B PC04E-10-6P	1204-03B PC04E-10-6P
Alternate Attachment Thread	M1203-01A M1203-01B M16 x 2-4H	M1203-02A M1203-02B M16 x 2-4H	M1203-03A M1203-03B M16 x 2-4H	M1203-04A M1203-04B M16 x 2-4H	M1203-05A M1203-05B M16 x 2-4H	M1204-04A M1204-04B M33 x 2-4H	M1204-03A M1204-03B M33 x 2-4H
Additional Accessories							
Mounting Bases	084A100 M084A100	084A100 M084A100	084A100 M084A100	084A100 M084A100	084A100 M084A100	084A101 M084A101	084A101 M084A101
Mating Electrical Connectors	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)
Recommended Cables	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8315-01-10A (PC) 8311-01-10A (PT)
Note							
[1] Calibrated at 10 VDC, useable 5 to 20 VDC or VAC RMS							



General Purpose Canister Load Cells

Model Number	1102-05A	1102-01A	1102-02A	1102-03A	1102-04A
Measurement Range	25 lb 110 N	50 lb 222 N	100 lb 445 N	200 lb 900 N	300 lb 1.33 kN
Overload Limit	38 lb 167 N	75 lb 333 N	150 lb 667 N	300 lb 1.33 kN	450 lb 2 kN
Sensitivity	2 mV/V	2 mV/V	2 mV/V	2 mV/V	2 mV/V
Non-Linearity	≤ 0.1% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS
Hysteresis	≤ 0.1% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS
Non-Repeatability	≤ 0.05% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS
Temperature Range	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C
Temperature Range Compensated	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C
Bridge Resistance	700 Ohm	700 Ohm	700 Ohm	700 Ohm	700 Ohm
Excitation Voltage [1]	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC
Size (Diameter x Height)	2.75 x 1.5 in 69.9 x 38.1 mm	2.75 x 1.5 in 69.9 x 38.1 mm	2.75 x 1.5 in 69.9 x 38.1 mm	2.75 x 1.5 in 69.9 x 38.1 mm	2.75 x 1.5 in 69.9 x 38.1 mm
Mounting	1/4-28 Thread	1/4-28 Thread	1/4-28 Thread	1/4-28 Thread	1/4-28 Thread
Electrical Connector	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P
Supplied Accessories					
Shunt Calibration Resistor	Yes	Yes	Yes	Yes	Yes
Additional Versions					
Alternate Attachment Thread	M1102-05A M6 x 1-6H	M1102-01A M6 x 1-6H	M1102-02A M6 x 1-6H	M1102-03A M6 x 1-6H	M1102-04A M6 x 1-6H
Additional Accessories					
Mating Electrical Connectors	181-012A (PT)	181-012A (PT)	181-012A (PT)	181-012A (PT)	181-012A (PT)
Recommended Cables	8311-01-10A (PT)	8311-01-10A (PT)	8311-01-10A (PT)	8311-01-10A (PT)	8311-01-10A (PT)
Note					
[1] Calibrated at 10 VDC, useable 5 to 20 VDC or VAC RMS					

Rod End Load Cells

Rod End Load Cells are designed for integration into tension measurement applications such as process automation, quality assurance, and production monitoring. Standard 3/4-16 and 1-14 Male/Female threads facilitate ease of installation.

Model Number	1380-01A	1380-02A	1380-03A	1381-01A	1381-02A	1381-04A
Measurement Range	500 lb 2.2 kN	1 klb 4.4 kN	2 klb 8.9 kN	5 klb 22.2 kN	10 klb 44.5 kN	20 klb 89 kN
Overload Limit	750 lb 3.3 kN	1.5 klb 6.7 kN	3 klb 13.3 kN	7.5 klb 33.4 kN	15 klb 66.7 kN	30 klb 133.5 kN
Sensitivity	2 mV/V	2 mV/V	2 mV/V	2 mV/V	2 mV/V	2 mV/V
Non-Linearity	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS
Hysteresis	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS	≤ 0.25% FS
Non-Repeatability	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS
Temperature Range	0 to 200 °F -18 to +93 °C	0 to 200 °F -18 to +93 °C	0 to 200 °F -18 to +93 °C	0 to 200 °F -18 to +93 °C	0 to 200 °F -18 to +93 °C	0 to 200 °F -18 to +93 °C
Temperature Range Compensated	+70 to 150 °F +21 to +66 °C	+70 to 150 °F +21 to +66 °C	+70 to 150 °F +21 to +66 °C	+70 to 150 °F +21 to +66 °C	+70 to 150 °F +21 to +66 °C	+70 to 150 °F +21 to +66 °C
Bridge Resistance	350 Ohm	350 Ohm	350 Ohm	350 Ohm	350 Ohm	350 Ohm
Excitation Voltage [1]	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC
Size (Diameter x Height)	1.50 x 4.25 in 38.1 x 107.9 mm	1.50 x 4.25 in 38.1 x 107.9 mm	1.50 x 4.25 in 38.1 x 107.9 mm	1.50 x 4.5 in 38.1 x 114.3 mm	1.50 x 4.5 in 38.1 x 114.3 mm	1.50 x 4.5 in 38.1 x 114.3 mm
Mounting	3/4 - 16 Thread	3/4 - 16 Thread	3/4 - 16 Thread	1 - 14 Thread	1 - 14 Thread	1 - 14 Thread
Electrical Connector	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P
Supplied Accessories						
Shunt Calibration Resistor	Yes	Yes	Yes	Yes	Yes	Yes
Additional Accessories						
Mating Electrical Connectors	181-012A (PT)	181-012A (PT)	181-012A (PT)	181-012A (PT)	181-012A (PT)	181-012A (PT)
Recommended Cables	8311-01-10A	8311-01-10A	8311-01-10A	8311-01-10A	8311-01-10A	8311-01-10A
Note						
[1] Calibrated at 10 VDC, useable 5 to 20 VDC or VAC RMS						

Features:

- Rugged design
- Sealed construction
- Fully calibrated in both tension and compression
- NIST traceable calibration
- Built-in temperature compensation





Load Cells



Fatigue-Rated Low Profile Load Cells

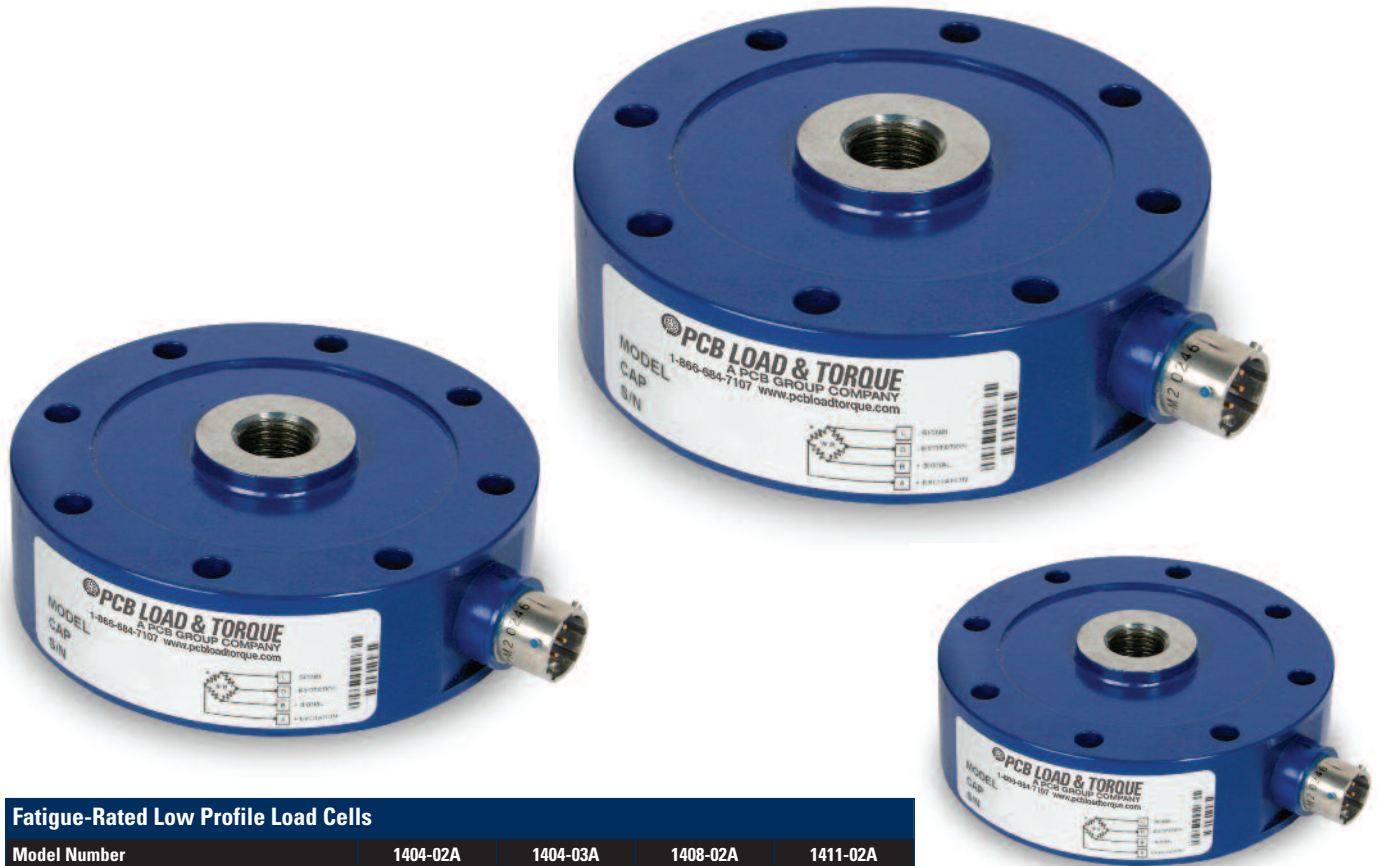
Fatigue-Rated Load Cells are specifically designed for fatigue testing machine manufacturers and users, or in any application where high cyclic loads are present. Applications include material testing, component life cycle testing, and structural testing. All Fatigue Rated Load Cells are guaranteed against fatigue failure for 100 million fully reversed cycles. As an added benefit, these load cells are extremely resistant to extraneous bending and side loading forces.

Features:

- Low profile design
- Low deflection
- High accuracy
- NIST traceable calibration
- Barometric pressure compensated construction
- Built-in temperature compensation
- Direct replacement for competitive models



Fatigue-Rated Low Profile Load Cells					
Model Number	1403-01A	1403-02A	1403-03A	1403-04A	1403-05A
Measurement Range	250 lb 1.1 kN	500 lb 2.2 kN	1 klb 4.5 kN	2.5 klb 11.1 kN	5 klb 22.2 kN
Overload Limit	500 lb 2.2 kN	1 klb 4.4 kN	2 klb 8.9 kN	5 klb 22.2 kN	10 klb 44.5 kN
Sensitivity	1 mV/V	1 mV/V	1 mV/V	1.5 mV/V	1.5 mV/V
Non-Linearity	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS
Hysteresis	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS
Non-Repeatability	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS	≤ 0.02% FS
Temperature Range	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C
Temperature Range Compensated	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C
Bridge Resistance	700 Ohm	700 Ohm	700 Ohm	700 Ohm	700 Ohm
Excitation Voltage [1]	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC
Size (Diameter x Height)	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm	4.12 x 1.37 in 104.6 x 34.8 mm
Mounting	5/8-18 Thread	5/8-18 Thread	5/8-18 Thread	5/8-18 Thread	5/8-18 Thread
Electrical Connector	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P
Supplied Accessories					
Shunt Calibration Resistor	Yes	Yes	Yes	Yes	Yes
Additional Versions					
Alternate Electrical Connector	1403-01B PC04E-10-6P	1403-02B PC04E-10-6P	1403-03B PC04E-10-6P	1403-04B PC04E-10-6P	1403-05B PC04E-10-6P
Alternate Attachment Thread	M1403-01A M1403-01B M16 x 2-4H	M1403-02A M1403-02B M16 x 2-4H	M1403-03A M1403-03B M16 x 2-4H	M1403-04A M1403-04B M16 x 2-4H	M1403-05A M1403-05B M16 x 2-4H
Available Accessories					
Mounting Bases	084A100 M084A100	084A100 M084A100	084A100 M084A100	084A100 M084A100	084A100 M084A100
Mating Electrical Connectors	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)
Recommended Cables	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 315-01-10A (PC)
Note					
[1] Calibrated at 10 VDC, useable 5 to 20 VDC or VAC RMS					



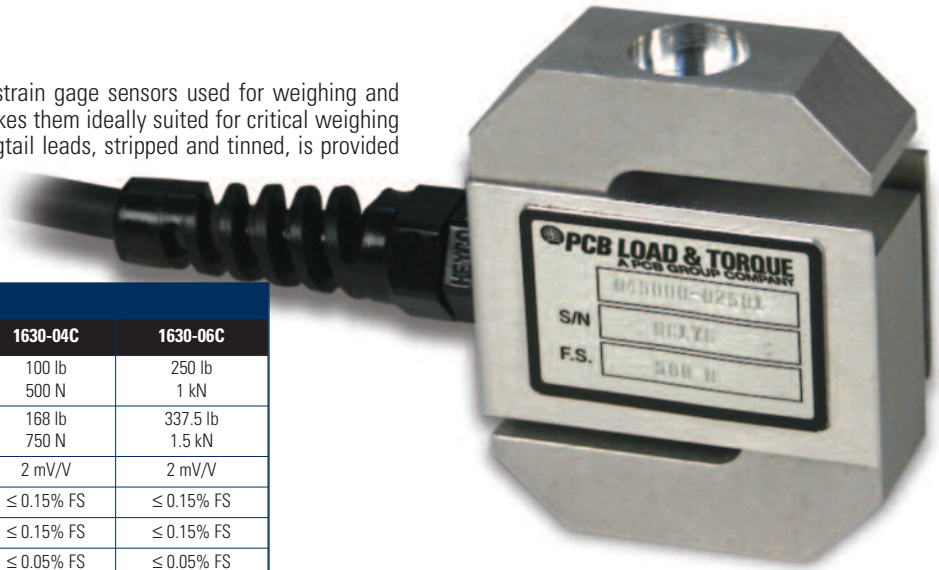
Fatigue-Rated Low Profile Load Cells				
Model Number	1404-02A	1404-03A	1408-02A	1411-02A
Measurement Range	10 klb 44.5 kN	25 klb 111.2 kN	50 klb 220 kN	100 klb 440 kN
Overload Limit	20 klb 89 kN	50 klb 222.4 kN	100 klb 450 kN	200 klb 900 kN
Sensitivity	1.5 mV/V	1.5 mV/V	1.5 mV/V	1.5 mV/V
Non-Linearity	≤ 0.05% FS	≤ 0.05% FS	≤ 0.1% FS	≤ 0.2% FS
Hysteresis	≤ 0.05% FS	≤ 0.05% FS	≤ 0.1% FS	≤ 0.2% FS
Non-Repeatability	≤ 0.02% FS	≤ 0.02% FS	≤ 0.05% FS	≤ 0.05% FS
Temperature Range	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C	-65 to +200 °F -54 to +93 °C
Temperature Range Compensated	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C	+70 to +170 °F +21 to +76 °C
Bridge Resistance	700 Ohm	700 Ohm	700 Ohm	700 Ohm
Excitation Voltage [1]	10 VDC	10 VDC	10 VDC	10 VDC
Size (Diameter x Height)	6.06 x 1.75 in 153.9 x 44.5 mm	6.06 x 1.75 in 153.9 x 44.5 mm	8.00 x 2.50 in 203 x 63.5 mm	11.0 x 3.50 in 279 x 88.9 mm
Mounting	1 1/4 -12 Thread	1 1/4 -12 Thread	1 3/4 -12 Thread	2 3/4 -8 Thread
Electrical Connector	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P	PT02E-10-6P
Supplied Accessories				
Shunt Calibration Resistor	Yes	Yes	Yes	Yes
Additional Versions				
Alternate Electrical Connector	1404-02B PC04E-10-6P	1404-03B PC04E-10-6P	1408-02B PC04E-10-6P	1411-02B PC04E-10-6P
Alternate Attachment Thread	M1404-02A M1404-02B M33 x 2-4H	M1404-03A M1404-03B M33 x 2-4H	M1408-02A M1408-02B M42 x 2-4H	M1411-02A M1411-02B M72 x 2-4H
Available Accessories				
Mounting Bases	084A101 M084A101	084A101 M084A101	084A103 M084A103	084A104 M084A104
Mating Electrical Connectors	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)	181-012A (PT) 182-025A (PC)
Recommended Cables	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)	8311-01-10A (PT) 315-01-10A (PC)	8311-01-10A (PT) 8315-01-10A (PC)
Note				
[1] Calibrated at 10 VDC, useable 5 to 20 VDC or VAC RMS				



Load Cells

S-Type Load Cells

S-Type Load Cells are extremely accurate strain gage sensors used for weighing and force measurement. Their high accuracy makes them ideally suited for critical weighing applications. Integral six foot cable with pigtail leads, stripped and tinned, is provided for electrical interface.



Series 1630 & 1631

S-Type Load Cells			
Model Number	1630-03C	1630-04C	1630-06C
Measurement Range	50 lb 250 N	100 lb 500 N	250 lb 1 kN
Overload Limit	84 lb 375 N	168 lb 750 N	337.5 lb 1.5 kN
Sensitivity	2 mV/V	2 mV/V	2 mV/V
Non-Linearity	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS
Hysteresis	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS
Non-Repeatability	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS
Temperature Range	0 to +200 °F -18 to +93 °C	0 to +200 °F -18 to +93 °C	0 to +200 °F -18 to +93 °C
Temperature Range Compensated	+75 to +150 °F +21 to +65 °C	+75 to +150 °F +21 to +65 °C	+75 to +150 °F +21 to +65 °C
Bridge Resistance	350 Ohm	350 Ohm	350 Ohm
Excitation Voltage [1]	10 VDC	10 VDC	10 VDC
Size (H x W x D)	2.5 x .75 x 2.0 in 64 x 19 x 51 mm	2.5 x .75 x 2.0 in 64 x 19 x 51 mm	2.5 x .75 x 2.0 in 64 x 19 x 51 mm
Mounting	1/4-28 Thread	1/4-28 Thread	1/4-28 Thread
Electrical Connector	6 ft Integral Cable	6 ft Integral Cable	6 ft Integral Cable
Supplied Accessories			
Shunt Calibration Resistor	Yes	Yes	Yes
Additional Versions			
Alternate Attachment Thread	M1630-03C M6 x 1-6H	M1630-04C M6 x 1-6H	M1630-06C M6 x 1-6H
Note			
[1] Calibrated at 10 VDC, useable 5 to 20 VDC or VAC RMS			

Features:

- High accuracy
- Durable
- Rugged
- NIST traceable calibration

S-Type Load Cells					
Model Number	1631-01C	1631-03C	1631-04C	1631-06C	1621-02A
Measurement Range	500 lb 2.5 kN	1 klb 5 kN	2 klb 10 kN	5 klb 20 kN	1 klb 5 kN
Overload Limit	843 lb 3.8 kN	1.7 klb 7.5 kN	3.3 klb 15 kN	6.8 klb 30 kN	5 klb 22 kN
Sensitivity	2 mV/V	2 mV/V	2 mV/V	2 mV/V	2 mV/V
Non-Linearity	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS	≤ 0.05% FS
Hysteresis	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS	≤ 0.15% FS	≤ 0.05% FS
Non-Repeatability	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.05% FS	≤ 0.02% FS
Temperature Range	0 to +200 °F -18 to +93 °C	0 to +200 °F -18 to +93 °C	0 to +200 °F -18 to +93 °C	0 to +200 °F -18 to +93 °C	+65 to +200 °F +54 to +93 °C
Temperature Range Compensated	+75 to +150 °F +21 to +65 °C	+75 to +150 °F +21 to +65 °C	+75 to +150 °F +21 to +65 °C	+75 to +150 °F +21 to +65 °C	+70 to +170 °F +21 to +76 °C
Bridge Resistance	350 Ohm	350 Ohm	350 Ohm	350 Ohm	350 Ohm
Excitation Voltage [1]	10 VDC	10 VDC	10 VDC	10 VDC	10 VDC
Size (H x W x D)	2.9 x .98 x 2.0 in 76 x 25 x 51 mm	2.9 x .98 x 2.0 in 76 x 25 x 51 mm	2.9 x .98 x 2.0 in 76 x 25 x 51 mm	2.9 x .98 x 2.0 in 76 x 25 x 51 mm	2.3 x 1.0 x 2.8 in 57 x 25 x 70 mm
Mounting	1/2-20 Thread	1/2-20 Thread	1/2-20 Thread	1/2-20 Thread	1/2-20 Thread
Electrical Connector	6 ft Integral Cable	6 ft Integral Cable	6 ft Integral Cable	6 ft Integral Cable	21R-10-6P
Supplied Accessories					
Shunt Calibration Resistor	Yes	Yes	Yes	Yes	Yes
Additional Versions					
Alternate Attachment Thread	M1631-01C M12 x 1.75-6H	M1631-03C M12 x 1.75-6H	M1631-04C M12 x 1.75-6H	M1631-06C M12 x 1.75-6H	—
Note					
[1] Calibrated at 10 VDC, useable 5 to 20 VDC or VAC RMS					



Model 1621



Recommended Signal Conditioners for Load Cells



Series 8159

Provides 5 or 10 VDC strain gage bridge excitation which delivers ± 10 VDC and 4 to 20 mA output signals, and operates from 115 or 230 VAC power



Model 8162

In-line, IP66 enclosure, operates from 12 to 18 VDC, provides 10 VDC sensor excitation, delivers ± 10 V and 4 to 20 mA outputs



Series 8161

Provides 5 or 10 VDC bridge excitation, and delivers ± 5 or ± 10 volts and 4-20 mA output signals, and operates from 12 to 28 VDC power. Adjustable zero and span with built-in shunt calibration.



Model 482C27

Four-channel, line powered, bridge, incremental gain, digital control interface, RS-232 and ethernet

Accessories



Cable Assemblies



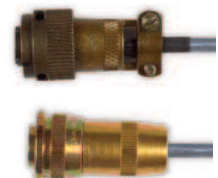
Mounting Base



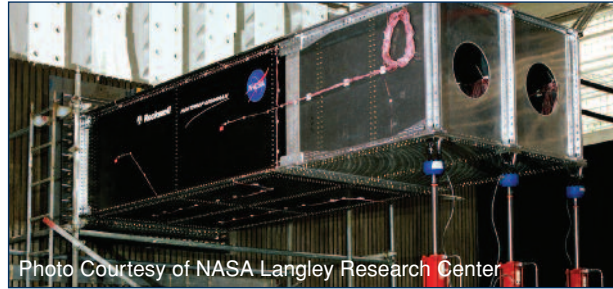
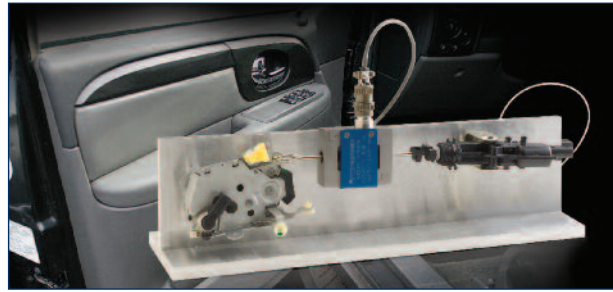
Load Button



Rod End



Connectors



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