PCB PIEZOTRONICS
AN AMPHENOL COMPANY

TN-36

Why PCB for Strain Gage Load Cells?

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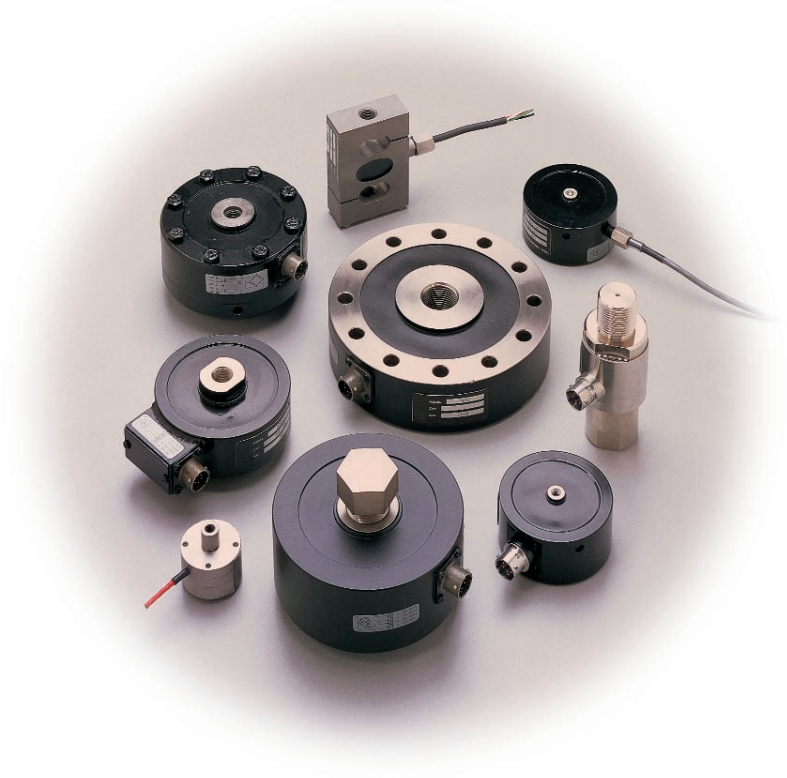

PCB Piezotronics offers strain gage load cells for precision measurement requirements. A variety of configurations are available, which include: low profile, fatigue rated, rod style, and S-beam types.

With our Total Customer Satisfaction philosophy, there is never a risk when purchasing from PCB. Commitment to engineering, production, testing, applications assistance, and customer service help reinforce this position.

- Premium aircraft quality alloy steels are used in the construction of all Series 1200 and 1400 Low Profile Load Cells for enhanced durability and performance in demanding load measurement applications.
- High stiffness, low deflection structure designs provide excellent dynamic characteristics for demanding testing requirements.
- High Extraneous Load Limits - Both our Series 1200 and 1400 load cells have high extraneous load limits (side load, bending moment, & torque) and are designed to tolerate additional loads that may fall on the unmeasured axes due to the nature of the application.
- Industry standard package and receptacle wiring for easy replacement of competitive models.
- Every Series 1200 and 1400 load cell has a 700 ohm full bridge utilizing eight gages (two per arm) for the highest accuracy and minimal sensitivity to extraneous loads.
- Each load cell is fully tested and calibrated in both tension and compression and is furnished with, at no additional charge, charted calibration data, certificate of N.I.S.T. traceability and A2LA Accreditation, shunt calibration data, and a shunt calibration resistor. We provide the actual resistor used to collect the shunt calibration data for maximum transferability.
- Field proven fatigue rated load cells provide guaranteed cyclical life. Our Series 1400 Fatigue Rated Load Cells have been independently tested to 100 million fully reversed cycles with no degradation in performance.

- Total Customer Satisfaction - PCB Piezotronics guarantees Total Customer Satisfaction. If, at any time, for any reason, you are not completely satisfied with any PCB product, PCB will repair, replace, or exchange it at no charge. You may also choose to have your purchase price refunded.

- 24-Hour SensorLine℠ - PCB offers to all customers, at no charge, 24-hour emergency phone support. This service makes product or application support available to our customers, day or night, seven days per week. To reach a PCB SensorLine℠ customer service representative, call 716-684-0001.

- ISO 9001 Certification - PCB Piezotronics is registered by the Underwriters Laboratory, Inc. as an ISO 9001 facility and maintains a quality assurance system dedicated to resolving any concern to ensure Total Customer Satisfaction. PCB also conforms to the former MIL-STD-45662A and MIL-Q-9858.

- A2LA Accreditation - Our on-site calibration laboratory is accredited by The American Association for Laboratory Accreditation and meets or exceeds the requirements of ISO/IEC 17025-1999 and ANSI/NCSL Z540-1-1994. Our certificate number is 1862.01.

- Field support via nationwide network of factory trained application engineers. Call 888-684-0004 for the location nearest you.

- Toll free factory applications support.

- PCB maintains a stocking program for specific standard models for quick delivery.

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