

OEM Pressure Sensor Differential Gage and Absolute Interchangeable Low Cost

Features

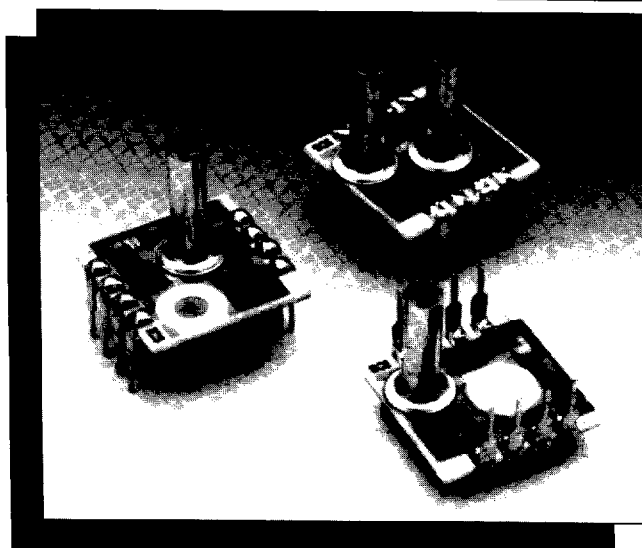
- Solid State Reliability
- $\pm 0.1\%$ Linearity
- 100 mV Output Span
- PC Board Mountable
- Interchangeable
- Temperature Compensated
- DIP Package
- Performance Graded
- Low Power

Typical Applications

- Medical Instruments
- Automotive
- Process Control
- Factory Automation
- Air Flow Measurement
- Avionics
- Leak Detection
- Spirometers

Standard Ranges

0 to 2 psig	0 to 2 psid	0 to 5 psia
0 to 5 psig	0 to 5 psid	0 to 15 psia
0 to 15 psig	0 to 15 psid	0 to 30 psia
0 to 30 psig	0 to 30 psid	0 to 50 psia
0 to 50 psig	0 to 50 psid	0 to 100 psia
0 to 100 psig	0 to 100 psid	



Description

The Model 1210 is a general purpose, solid-state, piezoresistive pressure sensor packaged in a dual-in-line configuration and is intended for use where excellent long-term stability, high volume, and low cost are required.

Integral temperature compensation is provided along with calibration over 0 to 50°C with laser trimmed resistors. An additional resistor is included to normalize pressure sensitivity variations by programming the gain of a differential amplifier, thus providing $\pm 1\%$ interchangeability along with high level output.

Two performance grades are available in gage, absolute and differential pressure from 0-2 psi to 0-100 psi. The gage version has a wide range of both liquid and gas media compatibility. Various lead and pressure tube configurations are available for customizing the package for specific applications.

Connections/Dimensions

