

OEM Pressure Sensor Media Compatible Interchangeable Serialized

Features

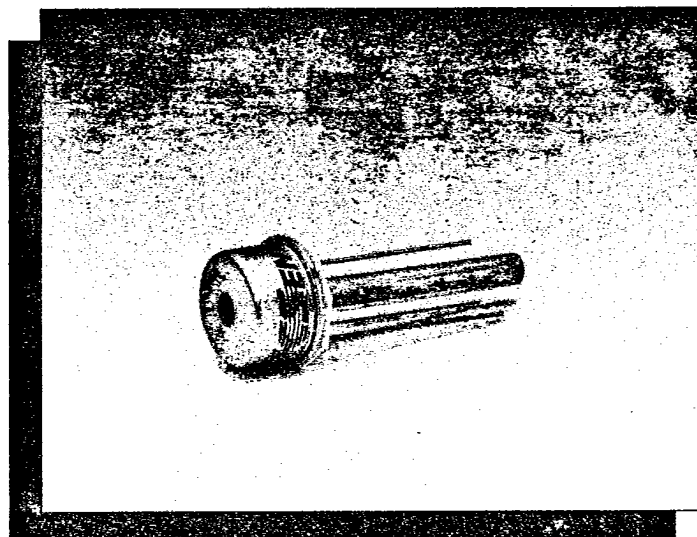
- Temperature Compensated
- $\pm 1\text{mV}$ Zero Output
- Solid State Reliability
- Infinite Resolution
- $\pm 1\%$ Normalized Output Span
- Ratiometric
- Humidity Resistant
- $\pm 0.1\%$ Accuracy
- Low Noise
- Performance Graded

Typical Applications

- Medical
- Liquid Level
- Process Control
- Water Management
- Oceanography
- Environmental Control
- Refrigeration
- Agricultural Sprayers
- Pollution Control
- Automotive

Standard Ranges

- 0 to 5 psig
- 0 to 10 psig
- 0 to 15 psig
- 0 to 30 psig
- 0 to 50 psig
- 0 to 100 psig
- 0 to 250 psig



Description

The Model 23 is a media compatible, solid state, piezoresistive pressure sensor that is packaged in a TO-8 configuration and is intended for use with corrosive or conductive fluid or gaseous media where excellent long-term stability is required. Each sensor is individually serialized.

Integral temperature compensation is provided along with calibration over $0-50^{\circ}\text{C}$ with laser trimmed resistors. No external resistors are required.

An additional laser trimmed resistor is included to normalize pressure sensitivity variations by programming the gain of an external amplifier, thus providing $\pm 1\%$ interchangeability along with high level output.

Three performance grades are available in gage pressure from 0-5 psi to 0-250 psi for the Model 23 and 0-5 psi to 0-15 psi for the Model 23N.

Connections/Dimensions

