

T-65-13

**OEM Pressure Sensor
Gage and Absolute
Stainless Steel Diaphragm
Interchangeable**

Features

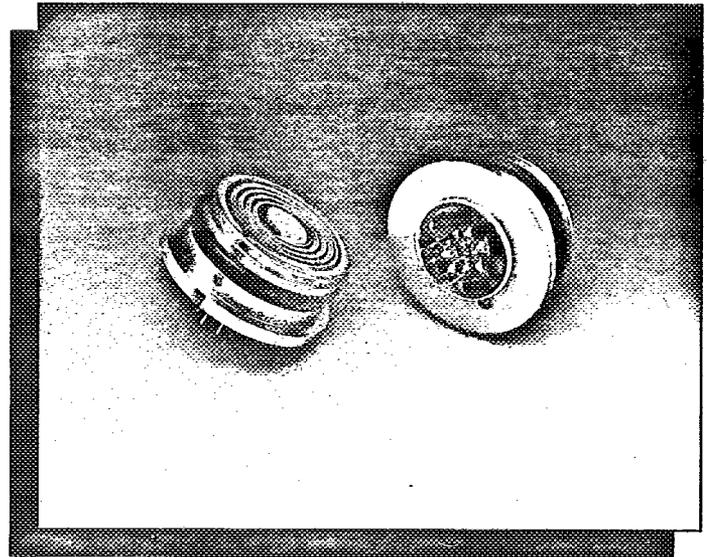
- Iso-Pressure Structure
- Solid State Reliability
- ±0.5% Accuracy
- Temperature Compensated
- ±1% Normalized Output Span
- Flush Diaphragm
- Ratiometric
- Low Noise
- Infinite Resolution
- Low Cost Resolution
- Serialized

Typical Applications

- Medical
- Air Conditioning
- Process Control
- Oceanography
- Liquid Level
- Environmental Control
- Water Management
- Refrigeration
- Food Processing
- Agricultural Sprayers
- Pollution Control

Standard Ranges

0 to 5 psig			
0 to 15 psig	0 to 15 psis	0 to 15 psia	
0 to 30 psig	0 to 30 psis	0 to 30 psia	
0 to 50 psig	0 to 50 psis	0 to 50 psia	
0 to 100 psig	0 to 100 psis		
0 to 300 psig	0 to 300 psis		



Description

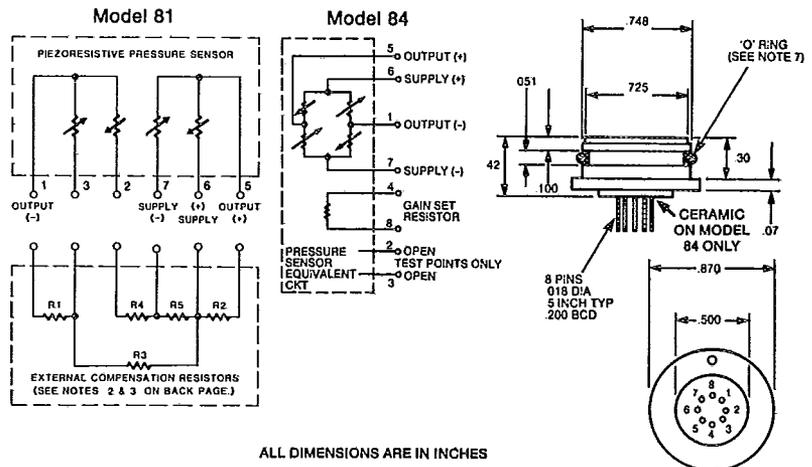
The Models 81 and 84 are solid-state pressure sensors that utilize a 316 stainless steel housing to provide compatibility with most harsh media. Both models are designed to be mounted by using an O-ring to maintain pressure integrity.

For the Model 81, temperature compensation and calibration over 0-50°C is accomplished with the addition of only three external resistors, the values of which are included with each sensor.

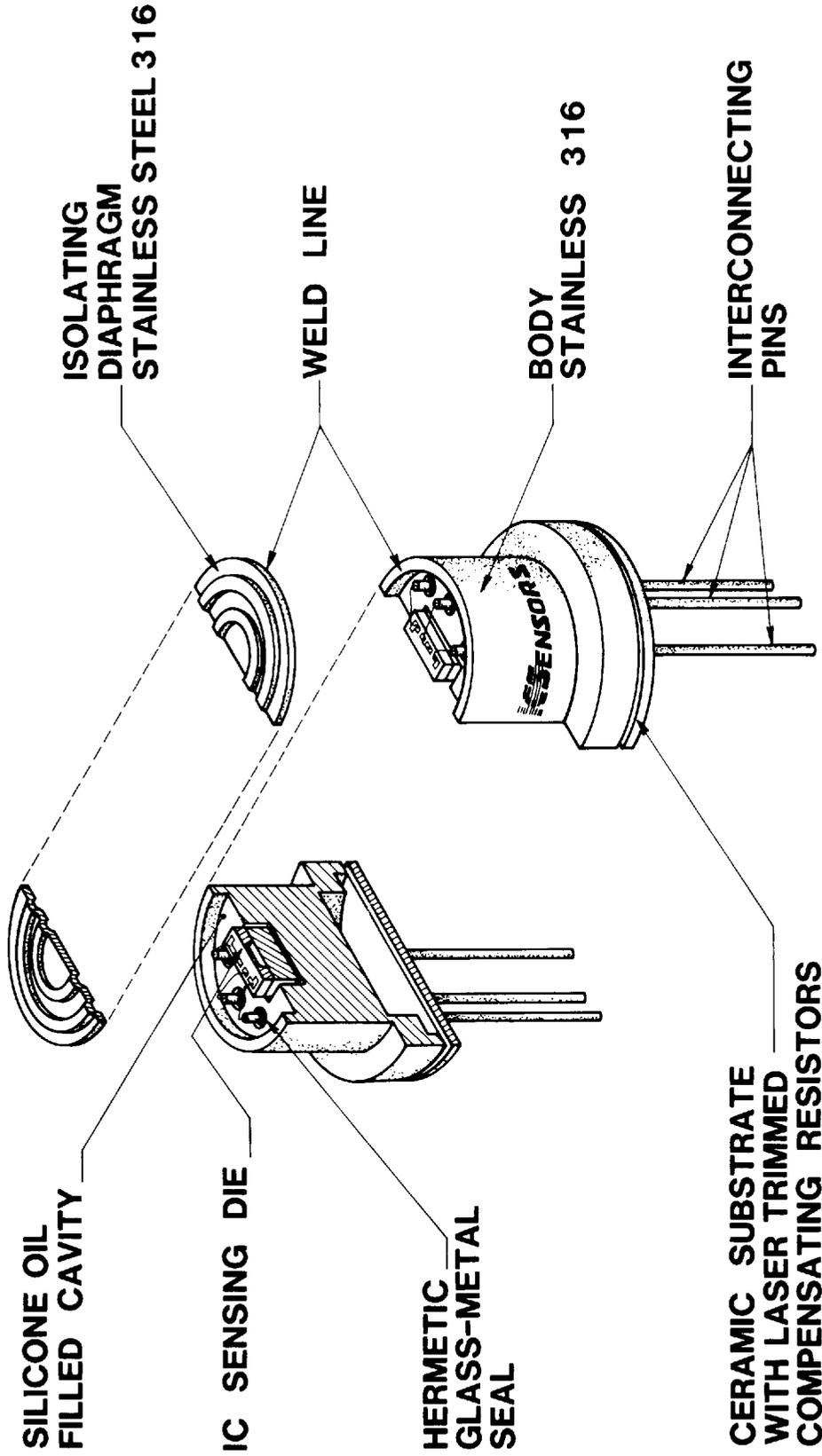
For the Model 84, integral temperature compensation is provided along with calibration over 0-50°C with laser trimmed resistors. No external resistors are required. An additional resistor is included to normalize pressure sensitivity variations by programming the gain of an external amplifier, thus providing ± 1% interchangeability along with high level output.

One performance grade is available in gage, sealed gage and absolute pressure from 0-5 psi to 0-300 psi. Each sensor is individually serialized.

Connections/Dimensions



ALL DIMENSIONS ARE IN INCHES



MODEL 80 PRESSURE SENSOR