

MS4400 Series

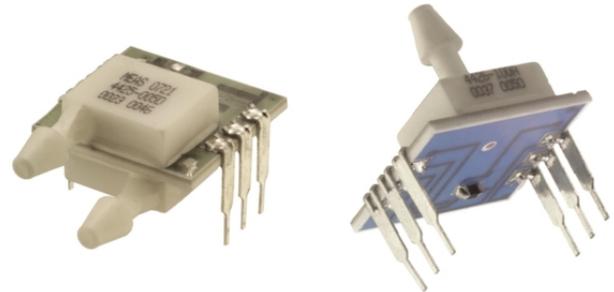
Product Definition

PC Board Mountable Pressure Sensor
Temperature Compensated
0 – 120mV Output
Gage, Absolute, Differential
Voltage Excitation

MS4400 Series

The MS4400 series is a temperature compensated, piezoresistive silicon pressure sensor packaged in a dual-in-line configuration.

Integral temperature compensation is provided over a 0 – 50°C temperature range using laser-trimmed resistors. The pressure ports are 1/8" barbed ports which mate with 3/32" ID tubing. These tubes are vertically mounted to the printed circuit board.



FEATURES

- Dual-in-Line Package
- $\pm 0.25\%$ Pressure Non Linearity
- Solid State Reliability
- 0 - 50°C Compensated Temperature Range

APPLICATIONS

- Respirators/Ventilators
- CPAP/Sleep Apnea Instruments
- Medical Instruments
- Air Flow Management
- HVAC Air Duct Flow
- Leak Detection
- Altitude and Airspeed Measurements
- Process Control
- Factory Automation

MS4400 Series

Product Definition

Model	Pressure Ranges	Type (G = Gage A = Absolute D = Differential)	Span	Supply Voltage Current		Compensated Temperature	Unique Feature
MS4425	0 - 1, 5, 15, 30, 50, 100, 150, 300psi	A, D	18, 60, 90, 100mV	12V		0°C to 50°C	Barbed side port UltraStable™
MS4426	0 - 1, 5, 15, 30, 50, 100, 150, 300psi	G, A	18, 60, 90, 100mV	12V		0°C to 50°C	Barbed top port UltraStable™