



MPL 9391 Series Low Pressure Sensor

World Leader in Pressure Switch and Sensor Design

MPL 9391 is a small, low pressure variable output temperature-compensated sensor, using silicon sensing technologies to provide an economical but robust alternative to other transducers.

The MPL 9391 is ideal for new high-efficiency heating applications requiring feedback for intelligent controllers, ECM motors, logic-controlled blowers and other smart components for modulating furnace control applications.

MPL has been a leading global supplier of pressure sensor & switches for over 35 years.

Features & Benefits

- Customer Engineered Solutions
- Temperature Compensated
- Ratio Metric Output
- Silicon Sensing Technology
- Flexible Set Point Range
- Various Configuration Available
- Historically Proven Reliability

Applications

- Air Flow Monitoring
- Process Controls
- Blower Modulation
- Automation
- D & C Monitors
- Medical Equipment

Technical Specifications

Absolute Pressure: 4 in (H2O)
Proof Pressure: 3PSI
Burst Pressure: 5PSI
Supply Voltage: 5.0 ± 0.2 Vdc
Supply Current: 25 mA (max)
Output Voltage (Ratio-metric): 0.19 to 4.06V
Zero / Null Pressure: 250 mVdc ± 60mV
Span: 3.75 Vdc ± 60mV
Ratio-metric Voltage: ± 1.5 % of span Max 4.8 to 5.20 Vdc Supply

Temperature Effects: (0 to 60 C) ± 2% of span Max
Operating Temperature: 0 to 60° C
Storage Temperature: - 40°C to + 95°C
Humidity: 95% RH
Weight: 9.8 grams
Electrical Termination: 3 pin male connection port
Preferred Mounting: Vertically
Pressure Connection: 3/16" Axial diameter tube fitting
Over Voltage Protection: 9 Vdc
Listings: UL