

# MSI SENSORS Pressure Sensors

## MODEL 4425: PC BOARD MOUNTABLE PRESSURE SENSORS

- Features:**
- 0-100 mV Output
  - Temperature Compensated
  - Dual in-line Package
  - 0°C to +50°C Compensated Temp. Range
  - ±0.25% Pressure Non-linearity
  - Solid State Reliability

- Applications:**
- Medical Instruments
  - Altitude/Airspeed Measurement
  - Process Control
  - Factory Automation
  - Leak Detection

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MSI Sensors Part No.	Fig.	Description	Supply Voltage (Peak)	Price Each		
					1	10	25
<a href="#">824-4425-015A</a>	4425-015A	A	88mV-92mV	Differential	37.44	35.94	34.81
<a href="#">824-4425-1A</a>	4425-1A	A	0-1 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4425-5A</a>	4425-5A	A	0-5 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4425-15A</a>	4425-15A	A	0-15 psig	Absolute	40.75	38.42	35.00
<a href="#">824-4425-30A</a>	4425-30A	A	0-30 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4425-50A</a>	4425-50A	A	0-50 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4425-100A</a>	4425-100A	A	0-100 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4425-001D</a>	4425-001D	A	17.6mV-18.4mV	Differential	37.44	35.94	34.81
<a href="#">824-4425-005D</a>	4425-005D	A	58mV-62mV	Differential	37.44	35.94	34.81
<a href="#">824-4425-015D</a>	4425-015D	A	88mV-92mV	Differential	37.44	35.94	34.81
<a href="#">824-4425-5D</a>	4425-5D	A	0-5 psig	Differential	40.75	38.42	35.00
<a href="#">824-4425-30D</a>	4425-30D	A	0-30 psig	Differential	34.10	31.57	29.09
<a href="#">824-4425-50D</a>	4425-50D	A	0-50 psig	Differential	34.10	31.57	29.09
<a href="#">824-4425-100D</a>	4425-100D	A	0-100 psig	Differential	37.87	35.21	34.08

**DIMENSIONS: in.**

**A**

**B**

**C**

**D**

## MODEL 4426: PC BOARD MOUNTABLE PRESSURE SENSORS

- Features:**
- 0-100 mV Output
  - Temperature Compensated
  - Dual in-line Package
  - 0°C to +50°C Compensated Temp. Range
  - ±0.25% Pressure Non-linearity
  - Solid State Reliability

- Applications:**
- Medical Instruments
  - Altitude/Airspeed Measurement
  - Process Control
  - Factory Automation
  - Leak Detection

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MSI Sensors Part No.	Fig.	Description	Supply Voltage (Peak)	Price Each		
					1	10	25
<a href="#">824-4426-015A</a>	4426-015A	B	88mV-92mV	Gauge	37.44	35.94	34.81
<a href="#">824-4426-1A</a>	4426-1A	B	0-1 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4426-5A</a>	4426-5A	B	0-5 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4426-30A</a>	4426-30A	B	0-30 psig	Absolute	38.14	34.48	31.81
<a href="#">824-4426-50A</a>	4426-50A	B	0-50 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4426-100A</a>	4426-100A	B	0-100 psig	Absolute	34.10	31.57	29.09
<a href="#">824-4426-1G</a>	4426-1G	B	0-1 psig	Gauge	41.81	38.46	35.39
<a href="#">824-4426-5G</a>	4426-5G	B	0-5 psig	Gauge	41.81	38.46	35.38
<a href="#">824-4426-15G</a>	4426-15G	B	0-15 psig	Gauge	41.81	38.46	35.38
<a href="#">824-4426-30G</a>	4426-30G	B	0-30 psig	Gauge	41.81	38.46	35.39
<a href="#">824-4426-50G</a>	4426-50G	B	0-50 psig	Gauge	41.80	38.46	35.38
<a href="#">824-4426-100G</a>	4426-100G	B	0-100 psig	Gauge	34.10	31.57	29.09

## MODEL 23: LOW/MEDIUM PRESSURE SENSORS

- Features:**
- TO-8 Package
  - 0°C to +50°C Compensated Temperature Range
  - ±0.1% Non-linearity Accuracy (±0.3% 0-1psi)
  - 0-100 mV Output
  - Solid State Reliability
  - Low Power

### Board mount w/ bottom pressure port, mV output

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MSI Sensors Part No.	Fig.	Description	Pressure Type	Price Each		
					1	10	25
<a href="#">824-23A-005G</a>	23A-005G	C	0-5psig	Gauge	93.60	89.85	87.04
<a href="#">824-23A-015G</a>	23A-015G	C	0-15psig	Gauge	93.60	89.85	87.04
<a href="#">824-23A-100G</a>	23A-100G	C	0-100psig	Gauge	93.60	89.85	87.04

## MODEL 33: LOW/MEDIUM PRESSURE SENSORS

- Features:**
- TO-8 Package
  - 0°C to +50°C Compensated Temperature Range
  - 0-100 mV Output
  - Solid State Reliability
  - Low Power
  - ±0.1% Non-linearity Accuracy (±0.3% 0-1psi)

### Board mount with differential pressure port, mV output

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	MSI Sensors Part No.	Fig.	Description	Pressure Type	Price Each		
					1	10	25
<a href="#">824-33A-001D</a>	33A-001D	D	0-1psid	Differential	93.60	89.85	84.24
<a href="#">824-33A-002D</a>	33A-002D	D	0-2psid	Differential	93.60	89.85	84.24
<a href="#">824-33A-005D</a>	33A-005D	D	0-5psid	Differential	52.37	48.64	46.01
<a href="#">824-33A-015D</a>	33A-015D	D	0-15psid	Differential	93.60	89.85	84.24
<a href="#">824-33A-100D</a>	33A-100D	D	0-100psid	Differential	93.60	89.85	84.24