



MS4525

SPECIFICATIONS

- **PCB Mounted Pressure Transducers**
- **Amplified Ratiometric Analog Output**
- **Differential, Gage, Absolute, Compound, & Vacuum**
- **Temperature Compensated**
- **3.3 or 5.0 Vdc Supply Voltage**

The MS4525 is a small, ceramic based, PCB mounted pressure transducer from Measurement Specialties. The transducer is built using Measurement Specialties' proprietary UltraStable™ process and the latest CMOS sensor conditioning circuitry to create a low cost, high performance transducer designed to meet the strictest requirements from OEM customers.

The MS4525 is fully calibrated and temperature compensated with a total error band (TEB) of less than 1.0% over the compensated range. The sensor operates from single supply of either 3.3 or 5.0Vdc and requires a single external component for proper operation.

The rugged ceramic transducer is available in side port, top port, and manifold mount and can measure absolute, gage, differential, or compound pressure from 1 to 150psi. The 1/8" barbed pressure ports mate securely with 3/32" ID tubing.

FEATURES

- PSI Pressure Ranges
- PCB Mountable
- High Level Analog Output
- Barbed Pressure Ports

APPLICATIONS

- Blocked Filter Detection
- Altitude and Airspeed Measurements
- Medical Instruments
- Fire Suppression System
- Panel Meter
- Air Movement/Environmental Controls
- Pneumatic Controls

STANDARD RANGES (PSI)

Pressure	Absolute	Gage	Differential	Compound	Vacuum	Option Availability
1		DS, SS, TP, MM	DS, SS, TP			-F
2		DS, SS, TP, MM	DS, SS, TP			-F
5		DS, SS, TP, MM	DS, SS, TP			-F
15	SS, TP	DS, SS, TP, MM	DS, MM	SS, TP	SS, TP, DS	-F
30	SS, TP	DS, SS, TP, MM	DS, MM	SS, TP		-F
50	SS, TP	DS, SS, TP, MM	DS, MM	SS, TP		-F
100	SS, TP	DS, SS, TP, MM	DS, MM	SS, TP		-F
150	SS, TP	DS, SS, TP, MM	DS, MM	SS, TP		-F

See Package Configurations: **DS= Dual Side Port, SS= Single Side Port, TP= Top Port, MM= Manifold Mount**
Pin Style "L" is only available SS and MM port types.
Pin Style "C" is only available SS, TP and MM port types.