

## Features and Benefits

### *One sensor does the work of two!*

#### **TRUE WET/WET DIFFERENTIAL MEDIA SENSING**

Provides liquid sensing in differential applications

#### **WIDE OPERATING TEMPERATURE RANGE OF -40 °C TO 85 °C [-40 °F TO 185 °F]**

Allows use in a wide variety of applications

### *By matching pressure ranges to the application, we optimize resolution and improve system accuracy.*

#### **VARIETY OF PRESSURE RANGES WITHIN 0.5 PSI TO 250 PSI**

Provides flexibility in customers' pneumatic designs

#### **ABSOLUTE, DIFFERENTIAL, AND GAGE MEASUREMENT TYPES**

Allows customers to choose the sensor that fits their application

### *Gives customers greater system flexibility in their designs.*

#### **VARIETY OF PRESSURE PORT TYPES AND LEAD TERMINATIONS**

Provides application flexibility

#### **ALSO AVAILABLE IN SMT AND FLOW-THROUGH PACKAGE STYLES**

Provides added design flexibility

# Potential Applications



## MEDICAL

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### OXYGEN CONCENTRATORS

May be used to measure the sieve bed pressure to optimize system performance

### DENTAL CHAIRS

May be used to control the pneumatic pressure in the various dental instruments

### HEMODIALYSIS

May be used to monitor the correct pressure to help ensure optimum blood filtration



## INDUSTRIAL

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### WATER CONTROL VALVES

May be used to monitor the water consumption in homes and buildings

### IRRIGATION EQUIPMENT

May be used to control the water pressure and flow being delivered

### FILTER MONITORING

May be used to detect when the filters are clogged and need to be replaced

### PRESSURE VALVES

May be used to measure and control pressure in industrial processes



### AIR COMPRESSORS

May be used to control the pressure being delivered to the end user equipment

### BREATHALIZERS

May be used to measure the exhalation pressure to ensure proper breath analysis