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 ºC TO 85 ºC [-40 ºF TO 185 ºF]

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 1 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

OXYGEN CONENTRATORS

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

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