

Differential Pressure Transmitter

Features

- Transmitter for differential Pressure Measurement
- Piezo Resistive Type Sensor
- Extremely Precise & Stable Measurement

Typical Areas of Application

- Clean Rooms
- Packing Machines
- Filter Monitoring
- Pneumatic Equipment
- Medical Equipment
- Paints Booths
- Fan & Blower Pressure



These are analog output transmitters, intended to use with non-corrosive, Gases or Air. The Piezo Resistive sensor gives extremely precise and stable measurements of the applied pressure, with excellent repeatability and better temperature stability. Various application to name are to monitor Clean Room pressure, Across filters, etc.

• SPECIFICATIONS

Sensor	Piezo Resistive
Range	Refer the Table A
Output	4~20mA (2 Wire Configuration)
Accuracy	Ranges = 4" w.c. 1.0% Ranges = 5" w.c. 0.25%
Long term Stability	±0.25% f.s / Year
Response time	100ms
Temp. Compensation	-10 to 50°C
Operating Temperature	-25 to 70°C
Thermal Effect	± 0.028% f.s. / °F
Load Resistance	250 Ohms @ 24VDC
Power Supply	12 to 30 VDC
Housing	ABS
Protection	IP-65
Pressure Connections	¼ BSP
Electrical Connection	Screw Type Terminal Block
Calibration	Zero & Span Adjustment using Potentiometers
Dimension	80 × 55 × 80 (W × H × D)

Table-A

Pressure Range	Accuracy
0 - 1" H ₂ O	1%
0 - 2" H ₂ O	1%
0 - 4" H ₂ O	1%
0 - 6" H ₂ O	0.25%
0 - 10" H ₂ O	0.25%
0 - 20" H ₂ O	0.25%
0 - 40" H ₂ O	0.25%
0 - 5 PSI	0.25%
0 - 10 PSI	0.25%
0 - 15 PSI	0.25%
0.5 - 0 - 0.5" H ₂ O	1%
1 - 0 - 1" H ₂ O	1%
2 - 0 - 2" H ₂ O	1%
5 - 0 - 5" H ₂ O	0.25%

• OPTIONAL DIGITAL INDICATOR FOR ABOVE



FEATURES

- Configurable Input- mA, VDC, mV
- Range Configurable from -1999 to 9999
- Configurable Decimal Point
- Large LED Display
- Measuring range / Zero Point can be Adjusted.
- Auxiliary Power Supply of 24VDC



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