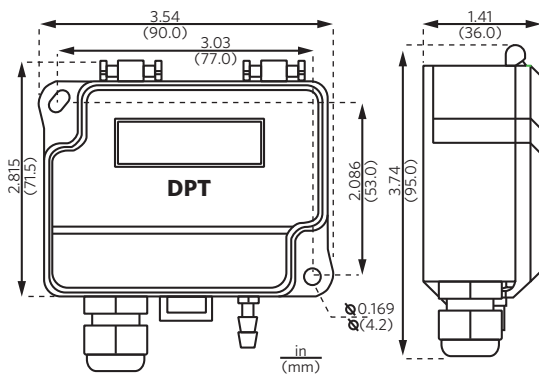


SERIES DPT Multi-Range Differential Pressure Transmitter



DIMENSIONS



SPECIFICATIONS

Maximum Pressure: 100 in w.c.

Media Compatibility: Dry air or non-aggressive gases

Accuracy:

Ranges < 0.5 in w.c. = +/- 0.01 in w.c.

Ranges ≥ 0.5 in w.c. = +/- 1.5%

includes thermal effects, linearity, hysteresis, repeatability, and long term stability.

Temperature Ranges:

Compensated: 14° to 122°F

Operating: 14° to 122°F

Response Time: 0.8 - 4.0, jumper selectable

Power Supply: 24 VDC or VAC, +/- 10%

Output:

Voltage: 3-wire 0 - 10V or 0 - 5V, jumper selectable

Power Consumption: <1.0 W

Minimum Resistance: 1kOhm

Current: 3-wire 4 - 20 mA

Power Consumption: <1.2 W

Maximum Load: 500 Ohm

Enclosure Rating: IP 54/ NEMA 3

Display: 3 ½ Digit LCD Backlit LCD

Electrical Connections: Screw terminal block

- Field Selectable Pressure Range
- Field Selectable 4-20 mA or 0-10 V Output
- Optional Automatic Zero
- Optional LCD

The Series DPT Multi-Range Differential Pressure Transmitter was designed specifically for the building automation and HVAC industry. With field selectable ranges down to 0.1 inches w.c., this product is ideal for monitoring building pressure, static pressure, differential pressure, or air velocity and flow. The Series DPT Differential Pressure Transmitter also has jumper selectable outputs for 4 - 20 mA or 0 - 10 V and unit selection giving additional flexibility. For a virtually maintenance free transmitter, order the optional automatic zero and the transmitter will perform its own zero point maintenance. The Multi-Range Differential Pressure Transmitter also has an optional backlit LCD for giving local indication.

MODEL NUMBERS

Model	Selectable Ranges (in w.c.)		Options
DPT1-R8	0 - 0.1	-0.1 - 0.1	
DPT1-R8-D	0 - 0.25	-0.25 - 0.25	LCD
DPT1-R8-eZ	0 - 0.5	-0.5 - 0.5	Auto Zero
DPT1-R8-ez-D	0 - 1.0	-1.0 - 1.0	Auto Zero, LCD
DPT10-R8	0 - 0.5		
DPT10-R8-D	0 - 1.0	-0.5 - 0.5	LCD
DPT10-R8-eZ	0 - 2.5	-2.5 - 2.5	Auto Zero
DPT10-R8-ez-D	0 - 5.0	-5.0 - 5.0	Auto Zero, LCD
DPT30-R8	0 - 10.0		
DPT30-R8-D	0 - 15.0	-5.0 - 5.0	LCD
DPT30-R8-eZ	0 - 20.0	-10.0 - 10.0	Auto Zero
DPT30-R8-ez-D	0 - 25.0	-15.0 - 15.0	Auto Zero, LCD
DPT30-R8-ez-D	0 - 30.0		Auto Zero, LCD

Consult factory for 2-wire operation or Mobius output.