

Series APT Differential Pressure Transmitter

Senses the pressure of air and compatible gases and sends a standard 4-20 mA output signal. The housing is specifically designed to enable the gauge to be removed for annual servicing and calibration.

A wide range of models are available factory calibrated to specific ranges. Pressure connections are inherent to the glass filled plastic moulded housing making installation quick and easy. Digital push-button zero and span simplify calibration over typical turn-potentiometers. 90mm digit LCD shows the pressure differential readings in pascals.

Specification

Pressure Range:

Part no. 200017 = -62 to +62 Pa range.

Part no. 200018 = 0 to 25 Pa range.

Service: Air and non-combustible, compatible gases.

Wetted Materials: Consult Factory.

Accuracy: ±1% F.S. at 70°F.

Stability: +1% F.S./yr.

Temperature Limits: -6.67 to 48.9°C.

Pressure Limits: 10 psig (0.69 bar).

Thermal Effect: ±0.099% F.S./°C.

Power Requirements: 10-35 VDC (2 wire).

Output Signal: 4 to 20 mA.

Zero and Span Adjustments: Digital push-button zero and span.

Loop Resistance: DC: 0-1250 ohms maximum.

Current Consumption: DC: 38 mA maximum.

Electrical Connections: Screw-type terminal block.

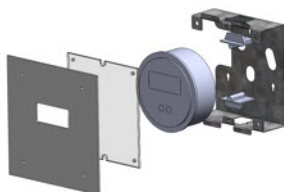
Display: 90mm digit LCD, 18mm height.

Mounting Orientation: Vertical.

Weight: 136 g.

APT Standard Kit

2 x Sensor Plates



1x Mounting Kit

1x Air Pressure Transmitter



25m Tubing