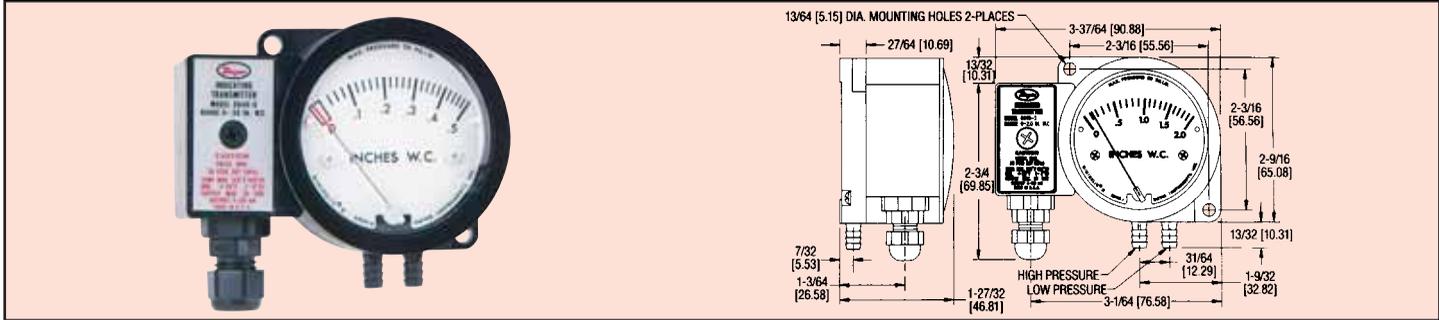




Series
604D

Minihelic® Differential Pressure Indicating Transmitter



The Series 604D Minihelic® Differential Pressure Indicating Transmitter combines visual monitoring with electronic control of low differential air or compatible gas pressures. This versatile device is ideal for building HVAC systems where local indication is needed during maintenance checks or when troubleshooting the system. The transmitter design employs the latest strain gage technology and operates in 2-wire control loop circuits. Separate Zero and Span controls plus a 4-screw terminal strip are protected in a gasketed side enclosure. Cable gland fits .10 - .25" round cable. A 10-35 VDC power supply is required.

Model	Range Inches w.c.	Model	Range Inches w.c.
604D-0	0-0.5	604D-10	0-10
604D-1	0-1.0	604D-20	0-20
604D-2	0-2.0	604D-40	0-40
604D-3	0-3.0	604D-60	0-60
604D-5	0-5.0	604D-100	0-100

SPECIFICATIONS GAGE SPECIFICATIONS

Service: Air and non-combustible, compatible gases.
Wetted Materials: Consult factory.
Accuracy: ±5% F.S.O.
Stability: ±1% F.S./yr.
Pressure Limits: 5 psi for ranges up to 10.00", 11 psi for 20.00" and 40" and 30 psi for above ranges.
Temperature Limits: 20 to 120°F (-6.67 to 48.9°C).
Process Connections: Barbed, for 3/16" (4.76 mm) I.D. tubing.
Size: 2-1/16" (52.39 mm) diameter dial face.
Weight: 5.6 oz (159 g).
Agency Approvals: CE.

TRANSMITTER SPECIFICATIONS

Accuracy: ±2% of full span output (includes linearity, hysteresis and repeatability).

Temperature Limits: 20 to 120°F (-6.67 to 48.9°C).

Compensated Temperature Range: 32 to 120°F (0 to 48.9°C).

Thermal Effect: ±0.025% F.S./°F (0.045% F.S./°C).

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

Output Signal: 4 to 20 mA.

Zero and Span Adjustments: Internally accessible potentiometers.

Loop Resistance: DC; 0-1250 ohms maximum.

Current Consumption: DC; 38 mA maximum.

Electrical Connections: Terminal block.

Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.

* Optional 3, 4 wire configurations available, contact factory.