The Series 604A Differential Pressure Transmitter offers very low ranges down to 0.4" w.c. (25 Pa) yet withstands continuous pressure to 30 psig (2 bar). The tough filled Nylon housing features simple surface mounting arrangement and barbed connections. The units are compact and lightweight yet provide overall accuracy of ±2%. Output signal is 4-20 mA. Zero and span adjustments plus terminal block connections are easily accessible but protected in auxiliary housing.

**SPECIFICATIONS**

**Wetted Materials:** Consult factory.

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

**Stability:** ±1% F.S./yr.

**Temperature Limits:** 0 to 140°F (-17.8 to 60°C).

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

**Pressure Limits:** 5 PSI for ranges up to 10.00", 11 PSI for 20.00" and 40" and 30 PSI for above ranges.

**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.

**Process Connections:** Barbed, for 3/16" (4.76 mm) I.D. tubing.

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

**Weight:** 5.6 oz (159 g).

**Agency Approvals:** CE.

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The Series 604D Minihelic® Differential Pressure Indicating Transmitter combines visual monitoring with electronic control of low differential air or compatible gases. 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 terminal block connections are easily accessible.

**SPECIFICATIONS**

**GAGE SPECIFICATIONS**

**Service:** Air and non-combustible, compatible gases.

**Wetted Materials:** Consult factory.

**Accuracy:** ±2% 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).

**Compensated Temperature Range:** 20 to 120°F (-6.67 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.

**Process Connections:** Barbed, for 3/16" (4.76 mm) I.D. tubing.

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

**Weight:** 5.6 oz (159 g).

**Agency Approvals:** CE.