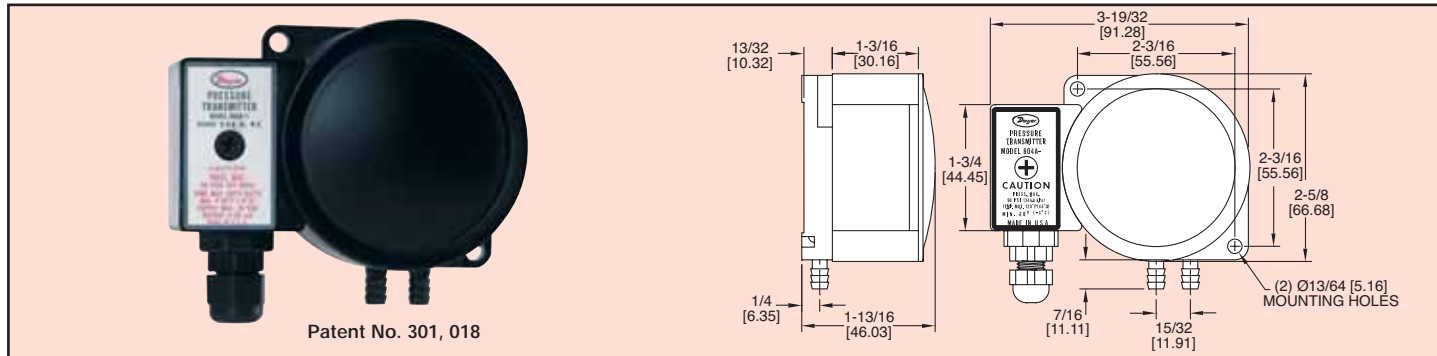




Series  
604A

# Differential Pressure Transmitter

±2% Full Span Accuracy, Pressure Rated to 30 psig



The Series 604A Differential Pressure Transmitter offers very low ranges down to 0-0.4" 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.

Model Number	Ranges in Inches w.c.		
	As Stocked	Minimum	Maximum
604A-0	0-.50	0-.40	0-1.0
604A-1	0-2.0	0-.50	0-4.0
604A-2	0-10	0-2.0	0-20
604A-3	0-50	0-15	0-120

## SPECIFICATIONS

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

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

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