### DIN Rail Differential Pressure Transmitter

Mounts on 35 mm DIN Rail

The Series 616D Differential Pressure Transmitter senses the pressure of air and compatible gases and sends a standard 4-20 mA output signal. The 616D enclosure is specifically designed to mount on a 35 mm DIN rail in a panel. This mounting style allows for several units to be mounted closely together reducing required space. A wide range of models are available factory calibrated to specific ranges as listed in the chart below. The zero control is for field calibration. Versatile circuit design enables operation in 2-wire current loops.

#### SPECIFICATIONS

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

**Wetted Materials:** 302 SS, glass, nickel, silicone rubber and brass.

**Accuracy:** ±0.25% FS at 70°F.

**Stability:** ±1% FS/year.

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

**Pressure Limits:** See chart.

**Response Time:** Approximately 10 ms.

**Response Time:** DC: 0-1250 Ω max.

**Zero and Span Adjustments:** Potentiometers for zero and span.

**Power Requirements:** 16 to 32 VDC.

**Output Signal:** 4 to 20 mA.

**Zero Adjustment:** Potentiometer for zero.

**Response Time:** Approximately 10 ms.

**Max. Loop Resistance:** DC: 0 to 800 Ω.

**Electrical Connections:** Screw-type terminal block.

**Process Connections:** 1/8" female NPT. Accessories included are 2 barbed fittings for 1/8" (3.12 mm) and 3/16" (4.77 mm) ID rubber or vinyl tubing.

**Mounting Orientation:** Vertical, on a 1.378" (35 mm) DIN rail.

**Weight:** 4.8 oz (136 g).