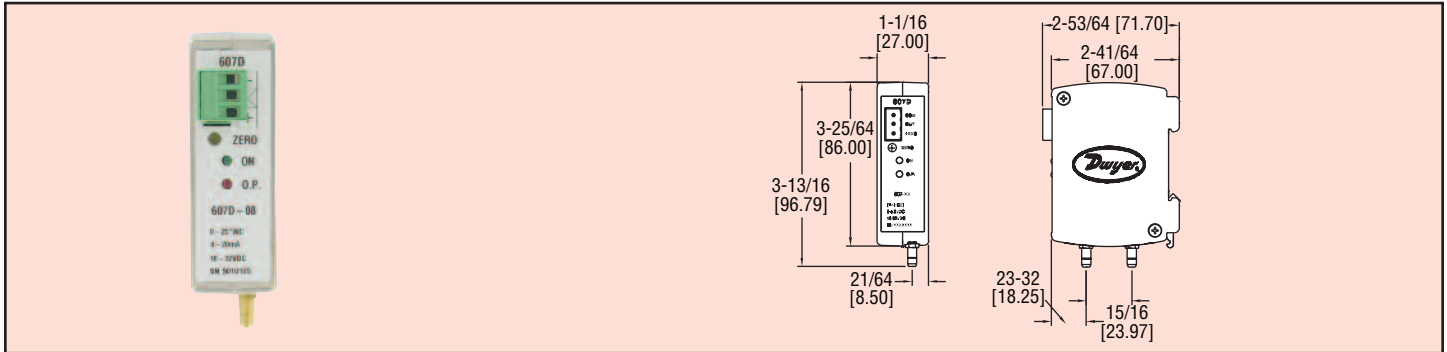




Series  
607D

# DIN Rail Mount Differential Pressure Transmitter

Mounts on 35 mm DIN Rail, LED Status Indication



The Series 607D DIN Rail Mount Differential Pressure Transmitter senses the pressure of air and compatible gases and sends a standard 4 to 20 mA output signal. The 607D housing 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 0.25% full scale accuracy in ranges from the very low 0.1 in w.c. to 25 in w.c. The span and zero controls are for field calibration. Units also include red/green LED status of proper transmitter operation. 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:**  $\pm 0.25\%$  FS\* at room temperature.

\*RSS includes non-linearity, hysteresis and non-repeatability.

**Stability:**  $\pm 1\%$  FS/yr.

**Temperature Limits:** 20 to 170°F (-6.67 to 76.67°C).

**Pressure Limits:** 15 psi (100 kPa).

**Thermal Effects:** (Includes zero and span)  $\pm 0.01$  FS/°F, 20 to 170°F (-7 to -77°C).

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

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

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

**Response Time:** Approximately 10 ms.

**Max. Loop Resistance:** DC: 0 to 800  $\Omega$ .

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

**Process Connections:** 3/16" female NPT. Barbed fittings for 1/8" (3.12 mm) ID rubber or vinyl tubing.

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

**Weight:** 7.0 oz (198 g).

Model	Range (in w.c.)
607D-01	0 to 0.1
607D-02	0 to 0.25
607D-03	0 to 0.5
607D-04	0 to 1
607D-05	0 to 2.5
607D-06	0 to 5
607D-07	0 to 10
607D-08	0 to 25
607D-11	0 to $\pm 0.05$
607D-12	0 to $\pm 0.1$
607D-13	0 to $\pm 0.25$
607D-14	0 to $\pm 0.5$
607D-15	0 to $\pm 1$