



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 zero control is for field calibration. Units also include red/green LED status of proper transmitter operation. Versatile circuit design enables operation in 2-wire current loops.

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

#### OPTION

For NIST traceable calibration certificate, use order code NISTCAL-PT1.

#### SPECIFICATIONS

**Service:** Air and non-conductive, non-corrosive 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:

Operating and compensated: 0 to 170°F (-18 to 77°C);

Storage: -65 to 185°F (-54 to 85°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).

#### ACCESSORY

**A-360,** Aluminum DIN Rail 1 m

See page 567 for process tubing options.

**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  $\Omega$ .

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

**Process Connections:** 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).

**Agency Approval:** CE.