

SERIES 607D

DIN RAIL MOUNT DIFFERENTIAL PRESSURE TRANSMITTER

Mounts on 35 mm DIN Rail, LED Status Indication, $\pm 0.25\%$ Full Scale Accuracy

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.

FEATURES/BENEFITS

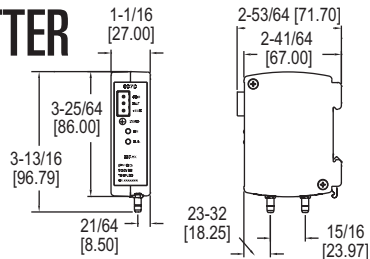
- High accuracy at low pressure ranges provides exceptional measurement for insuring tight-control and minimizing costly out of specification conditions
- DIN mountable allows use in control panels for easy access to electrical supply reducing costly cabling
- Visual LED indicators provides quick status on transmitter operation saving troubleshooting time

APPLICATIONS

- HVAC
- Clean room control
- Filter status

MODEL CHART

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 ± 0.05
607D-03	0 to 0.5	607D-12	0 to ± 0.1
607D-04	0 to 1	607D-13	0 to ± 0.25
607D-05	0 to 2.5	607D-14	0 to ± 0.5
607D-06	0 to 5	607D-15	0 to ± 1
607D-07	0 to 10		



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) ± 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 Adjustment: Potentiometer for zero.
Response Time: Approximately 10 ms.
Max. Loop Resistance: DC: 0 to 800 Ω .
Electrical Connections: Screw-type removable 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 Approvals: CE.

ACCESSORIES

Model	Description
A-360	Aluminum DIN rail 1 m

OPTIONS

Use order code:	Description
NISTCAL-PT1	NIST traceable calibration certificate

USA: California Proposition 65

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Process Tubing Options: See page 503 (Gage Tubing Accessories)