SERIES 607 Differential Pressure Transmitter combines very low ranges with exceptional stability, reliability and either ±0.25% or ±0.5% accuracy for the most demanding applications. Ranges from 0-0.1” to 0-25 in. w.c. Ultra-thin glass clad silicon diaphragm design resists shock and vibration, practically eliminates drift. Certification for NIST standards is included with each unit. Tough stainless steel housing is NEMA 2 rated to protect against moisture and dirt. Use with air and other compatible gases.

APPLICATIONS

- Leak detection
- Clean room control
- Lab and fume hood pressure control
- Tight-control and minimizing costly out of specification conditions
- Provides sensitivity to pressure changes but resists vibration preventing drift and less accurate readings
- Stainless steel housing meets standards for lab and clean room applications

FEATURES/BENEFITS

- High stability at low pressure ranges provides exceptional accuracy for ensuring tight-control and minimizing costly out of specification conditions
- Provides sensitivity to pressure changes but resists vibration preventing drift and less accurate readings
- Stainless steel housing meets standards for lab and clean room applications

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 externally accessible potentiometers, non-interactive. ±0.5% FS adjustment.

Response Time: 250 ms max.
Loop Resistance: 0 to 1045 Ω
Max. Loop Resistance: 0 to 800 Ω
Electrical Connections: Screw terminals
Process Connections: Barbed stainless steel 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.

SERIES 607D DIN RAIL MOUNT DIFFERENTIAL PRESSURE TRANSMITTER

Mounts on 35 mm DIN Rail, LED Status Indication, ±0.25% Full Scale Accuracy

SERIES 607D DIN Rail Mount Differential Pressure Transmitter combines very low ranges with exceptional stability, reliability and either ±0.25% or ±0.5% accuracy for the most demanding applications. Ranges from 0-0.1” to 0-25 in. w.c. Ultra-thin glass clad silicon diaphragm design resists shock and vibration, practically eliminates drift. Certification for NIST standards is included with each unit. Tough stainless steel housing is NEMA 2 rated to protect against moisture and dirt. Use with air and other compatible gases.

APPLICATIONS

- HVAC
- Clean room control
- Filter status

FEATURES/BENEFITS

- High accuracy at low pressure ranges provides exceptional measurement for ensuring 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

MOUNTING ORIENTATION: Vertical, on a 1.378” (35 mm) DIN rail.

SPECIFICATIONS

- Service: Air and non-conductive, non-corrosive gases.
- Wetted Materials: Stainless Steel, Teflon, Nickel, Steel housing meets standards for lab and clean room applications
- Accuracy: ±0.25% FS at room temperature. *RSS includes non-linearity, hysteresis and non-repeatability.
- Response Time: Approximately 10 ms.
- Max. Loop Resistance: 0 to 1045 Ω
- Zero Adjustment: Potentiometer for easy access to electrical supply reducing costly cabling
- Current Consumption: 15 mA (100 kPa) when using order code A-360F-A
- Response Time: 250 ms max.
- Power Requirements: 16 to 32 VDC.
- Output Signal: 4 to 20 mA
- Agency Approvals: CE.

ACCESSORIES

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

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 489 (Gage Tubing Accessories)