**LOW RANGE DIFFERENTIAL PRESSURE TRANSMITTER**

±0.25% or ± 0.5% Full Scale Accuracy, Ranges from 0 to 25 in w.c.

The Series 607 Low Range 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 to 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.

**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

**APPLICATIONS**

- Leak detection
- Clean room control
- Lab and fume hood pressure control

**SPECIFICATIONS**

- Service: Air and non-conductive, non-corrosive gases.
- Wetted Materials: Contact factory.
- Accuracy: ±0.5% FS.*
- Stability: ±0.5% FS/yr.
- Temperature Limits: -20 to 160°F (-29 to 71°C), 10% to 95% RH.
- Pressure Limits: 10 psig (0.69 bar).
- Compensated Temp. Range: 35 to 135°F (2 to 57°C).
- Thermal Effects: ±0.015% FS/°F (zero and span).
- Power Requirements: 12 to 36 VDC, 2-wire.
- Output Signal: 4 to 20 mA DC, 2-wire.

**ACCESSORY**

- Model: A-302F-A
- Description: 303 SS static pressure tip with mounting flange; for 3/16” ID tubing, includes mounting screws.

**OPTIONS**

- Use order code: A-302F-A
- NISTCAL-PT1: NIST traceable calibration certificate

**SERIES 607D**

**DIN RAIL MOUNT DIFFERENTIAL PRESSURE TRANSMITTER**

Mounts on 35 mm DIN Rail, LED Status Indication, ±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 ensuring light-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

**SPECIFICATIONS**

- Service: Air and non-conductive, non-corrosive gases.
- Wetted Materials: 302 SS, glass, nickel, silicone rubber and brass.
- Accuracy: ±0.25% FS at room temperature. ±0.5% includes non-linearity, hysteresis and non-repeatability.
- Stability: ±1% FS/yr.
- Temperature Limits: Operating and compensated: 0 to 170°F (-18 to 77°C); Storage: -45 to 185°F (-40 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).

**ACCESSORY**

- Model: A-360
- Description: Aluminum DIN rail 1 m

**OPTIONS**

- Use order code: A-360
- NISTCAL-PT1: NIST traceable calibration certificate

**USA: California Proposition 65**

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