LOW RANGE DIFFERENTIAL PRESSURE TRANSMITTER

±0.25% or ± 0.5% Full Scale Accuracy, Ranges from 0 to 0.1 in w.c.

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 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

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (in w.c.)</th>
<th>Price</th>
<th>Model</th>
<th>Range (in w.c.)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>607-0</td>
<td>0 to 10</td>
<td>$591.00</td>
<td>607-1</td>
<td>0 to 15</td>
<td>$521.00</td>
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<td>607-1*</td>
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<td>0 to ± 50</td>
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<td>607-3</td>
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*Models have a ±0.25% FS accuracy.

OPTIONS
Use order code: Description Price

-302F-A  303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws $9.10

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 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (in w.c.)</th>
<th>Price</th>
<th>Model</th>
<th>Range (in w.c.)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
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<td>607D-08</td>
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<td>607D-02</td>
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<td>607D-11</td>
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<td>607D-03</td>
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<td>607D-12</td>
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<td>607D-13</td>
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<td>607D-14</td>
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USA: California Proposition 65

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

ACCESSORIES

A-302F 303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws $9.10

A-360 Aluminum DIN rail 1 m $8.00

OPTIONS
Use order code: Description Price

-302F-A  303 SS static pressure tip with mounting flange; for 3/16" ID rubber or plastic tubing; 4" insertion depth; includes mounting screws $9.10

Options include: 302 SS, glass, nickel, silicone rubber and brass. Wetted Materials: Contact factory.

SPECIFICATIONS
- Service: Air and non-conductive, non-corrosive gases.
- Wetted Materials: Contact factory.
- Accuracy: ±0.5% or ±0.25% 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).
- Compensation: Zero & Span Adjustments: ±0.5% Full Scale Accuracy, ±0.25% Full Scale Accuracy
- Power Requirements: 12 to 36 VDC.
- Output Signal: 4 to 20 mA DC, 2-wire.
- Zero & Span Adjustments: Externally accessible potentiometers, non-interactive, ±10% FS adjustment.
- Response Time: 250 msec max.
- Loop Resistance: 0 to 1045 Ω
- Current Consumption: 3.6 mA (min).
- Electrical Connection: Screw terminals.
- Process Connection: Barbed stainless steel for 3/16” ID tubing.
- Housing: 300 Series SS (NEMA 2, IP11).
- Weight: 1.0 lb (472 g).
- Agency Approvals: CE.