The Dwyer Series DM-2000 Differential Pressure Transmitter senses the pressure of air and compatible gases and sends a standard 4-20 mA output signal. The DM-2000 housing is specifically designed to mount in the same diameter cutout as a standard Magnehelic® gage. A wide range of models are available factory calibrated to specific ranges. Pressure connections are inherent to the glass filled plastic molded housing making installation quick and easy. Digital push-button zero simplifies calibration over typical turn-zero procedures.

**Series 603A**

Differential Pressure Transmitters combine ultra low ranges, low cost, high accuracy and rugged construction – ideal for a wide range of HVAC and industrial applications. These transmitters provide a standard 4-20 mA analog output signal in ranges as low as 0.2" w.c. and can be surface mounted or flush mounted in a 4-13/16" (122 mm) diameter panel hole. Hardware is included for either option. Duplicate 1/8" female NPT pressure connections on side and back case installation.

**Series 603A**

Differential Pressure Transmitters range from 0.2" Water Column to 30 psid.

**SPECIFICATIONS**

- **Service:** Air and non-combustible, compatible gases.
- **Wetted Materials:** Consult factory.
- **Accuracy:** ±3% F.S. at 70°F.
- **Stability:** ±5% F.S./yr.
- **Temperature Limits:** 20 to 120°F (-6.67 to 48.9°C).
- **Pressure Limits:** 0 psig to 60 bar.
- **Thermal Effect:** ±0.055% F.S./°F (0.009% F.S./°C).
- **Power Requirements:** 10-35 VDC (2 wire).

**ACCESSORIES**

- A-298, Surface Mounting Bracket
- A-300, Flat Flush Mounting Bracket

**Table:**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Model Number</th>
<th>Ranges in Inches W.C.</th>
<th>Maximum Pressure</th>
<th>Electrical Accuracy</th>
<th>±%</th>
</tr>
</thead>
<tbody>
<tr>
<td>603A-1</td>
<td>603A-2</td>
<td>-0.25 (6.35 mm)</td>
<td>25 psi (1.7 bar)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>603A-3</td>
<td>603A-4</td>
<td>0 to 25 (62.4 mm)</td>
<td>20 psi (1.4 bar)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>603A-5</td>
<td>603A-6</td>
<td>0.25 to 25 (62.4 mm)</td>
<td>20 psi (1.4 bar)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>603A-7</td>
<td>603A-8</td>
<td>0.5 to 25 (62.4 mm)</td>
<td>15 psi (1.0 bar)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>603A-9</td>
<td>603A-10</td>
<td>1 to 25 (62.4 mm)</td>
<td>10 psi (0.7 bar)</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Optional 3½ digit LCD readout for Series 603A.

**ACCESSORIES**

- A-298 Flat Aluminum Bracket, for flush mounting Series 603A
- A-370 Mounting Bracket, flush mount Series 600 Transmitter in bracket. Bracket is then surface mounted. Steel with gray hammertone epoxy finish

**Output Signal:** 4 to 20 mA.

- **Zero and Span Adjustments:** Digital push-button zero and span.
- **Loop Resistance:** DC: 0-1250 ohms maximum.
- **Current Consumption:** DC: 38 mA maximum.
- **Electrical Connections:** Screw-type terminal block.
- **Display:** 3.5 digit LCD, 0.7” height.
- **Process Connections:** 1/8” I.D. tubing.
- **Mounting Orientation:** Vertical.
- **Weight:** 4.8 oz (136 g).

**Agency Approvals:** CE.