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 pushbutton zero simplifies calibration over typical turn-po
tentiometers. An optional 3.5 digit LCD shows process and engineering units. A single push
button allows field selection of 4 to 6 engineering units depending on range LCD models.

Note: Remove "LCD" from the end of the model number if not needing the display.

### DM-2000 Series

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range mm wc</th>
<th>Range mBar</th>
<th>kPa</th>
<th>psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM-2001-LCD-100</td>
<td>24.9</td>
<td>25.4</td>
<td>2.49</td>
<td></td>
</tr>
<tr>
<td>DM-2002-LCD-100</td>
<td>62.2</td>
<td>8.35</td>
<td>822</td>
<td></td>
</tr>
<tr>
<td>DM-2003-LCD-100</td>
<td>123.4</td>
<td>12.70</td>
<td>1.243</td>
<td>.124</td>
</tr>
<tr>
<td>DM-2004-LCD-100</td>
<td>249</td>
<td>25.4</td>
<td>2.49</td>
<td></td>
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<tr>
<td>DM-2005-LCD-100</td>
<td>497</td>
<td>50.8</td>
<td>.497</td>
<td>.497</td>
</tr>
<tr>
<td>DM-2006-LCD-100</td>
<td>746</td>
<td>76.2</td>
<td>.746</td>
<td>.108</td>
</tr>
<tr>
<td>DM-2007-LCD-100</td>
<td>1243</td>
<td>127-0</td>
<td>1.243</td>
<td>.180</td>
</tr>
<tr>
<td>DM-2012-LCD-250</td>
<td>822.0-622</td>
<td>822-0-622</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Remove "LCD" from the end of the model number if not needing the display.

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### Series 604D

The Series 604D Minihelic® Differential Pressure Indicating Transmitter combines visual monitoring with electronic control of low differential air or compatible gas pressures. This versatile device is ideal for building HVAC systems where local indication is needed during maintenance checks or when troubleshooting the system. The transmitter design employs the latest strain gage technology and operates in 2-wire control loop circuits. Separate Zero and Span controls plus 4-screw terminal strip are protected in a gasketed side enclosure. Cable gland fits .10 - .25" round cable. A 10-35 VDC power supply is required.

#### Specifications

**Gage Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range Inches w.c.</th>
<th>Range Inches w.c.</th>
</tr>
</thead>
<tbody>
<tr>
<td>604D-0</td>
<td>0 - 0.5</td>
<td>604D-10</td>
</tr>
<tr>
<td>604D-1</td>
<td>0 - 1.0</td>
<td>604D-20</td>
</tr>
<tr>
<td>604D-2</td>
<td>0 - 2.0</td>
<td>604D-40</td>
</tr>
<tr>
<td>604D-3</td>
<td>0 - 3.0</td>
<td>604D-60</td>
</tr>
<tr>
<td>604D-4</td>
<td>0 - 5.0</td>
<td>604D-100</td>
</tr>
</tbody>
</table>

#### Temperature Limits

- 20 to 120°F (-6.67 to 48.9°C)

#### Compenesated Temperature Range

- 32 to 10°F (0 to 48.9°C)

#### Thermal Effect

- ±0.025% F.S. /°F (0.005% F.S. /°C)

#### Power Requirements

- 10-35 VDC (2 wire)

#### 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

#### Mounting Orientation

- Vertical

#### Weight

- 4.8 oz (136 g)

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### ACCESSORIES

- A-299, Surface Mounting Bracket
- A-300, Flat Flush Mounting Bracket
- A-480, Plastic Static Pressure Tip

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### Series 604D

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