**Model D600A Differential Pressure Transducer**

- 0.5% BFSL Accuracy (Standard)
- Differential pressure ranges from 0-0.01 BarD to 0-1 BarD
- Standard Pressure Outputs: 4-20 mA DC, 0.5-4.5 VDC, 1-5 VDC, 0-5 VDC
- M12x1.5 process connection standard – contact factory for other options
- Compact design for use in measuring air pressure in HVAC, compressed air and pneumatic systems
- MEMS Technology
- Most economical differential pressure transmitter available
- 5 VDC or 24 VDC power supply options

**REFERENCE DIMENSIONS:**

**FEATURES:**

- Extremely sensitive to pressure changes
- Piezoresistive Sensing Element
- External zero & span controls
- IP65 protection
- Wiring leads standard electrical connection
Model D600A Differential Pressure Transducer

Ordering Guide: D600A--C-(0-12"WCD)-D-5-EC1-24V

<table>
<thead>
<tr>
<th>A</th>
<th>(0-50PSID)</th>
<th>D</th>
<th>5</th>
<th>EC1</th>
<th>24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRESSURE PORT</td>
<td>RANGE ¹</td>
<td>PRESSURE OUTPUT</td>
<td>ACCURACY (BFSL)</td>
<td>CONNECTOR</td>
<td>POWER SUPPLY</td>
</tr>
<tr>
<td>C = OTHER</td>
<td>PSID</td>
<td>D = 4-20 mA</td>
<td>5 = 0.5%</td>
<td>EC1 = 36&quot; PIGTAIL</td>
<td>24V = 24 VDC</td>
</tr>
<tr>
<td></td>
<td>BarD</td>
<td>E = 0-5 VDC</td>
<td></td>
<td></td>
<td>5V = 5 VDC</td>
</tr>
<tr>
<td></td>
<td>WCD</td>
<td>X = OTHER</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹ OTHER RANGES AVAILABLE, CONSULT FACTORY

Electrical Data

Excitation: 5VDC, 24 VDC
Current Consumption: < 10 mADC
Zero Offset: ≤ ± 0.1% of FS
Span Tolerance: ≤ ±1.0% of FS
Output Load: > 10K Ω
Reverse Polarity Protection: Yes

Physical Data

Sensor
Wetted Material: 316 SS
Housing: 316 SS
Connections
Pressure: M12X1.5

Environmental Data

Temperature
Operating: -20°C to 85°C
Storage: -40°C to 125°C

Thermal Limits
Compensated Range: 0°C to 50°C
Thermal Effect Zero: ≤ ± 0.03% FS
Thermal Effect Span: ≤ ± 0.03% FS

Performance @ 25 °C
Accuracy: < ± 0.5% BFSL
Stability: (1 year): <± 0.25% FSO, Typical
Differential Pressure: 0-0.01 Bar to 0-1 Bar
Burst Pressure: 3.0X FS Minimum
Pressure Cycles: > 50 Million
Temperature Range: 0°C to +50°C
Temperature Accuracy: ± 1°C

² Accuracy includes non-linearity, hysteresis and non-repeatability