The SERIES 616D Differential Pressure Transmitter senses the pressure of air and compatible gases and sends a standard 4 to 20 mA or 0 to 10 VDC output signal. The 616D enclosure 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. The span and zero controls are for use when checking calibration. They are not intended for re-ranging. Versatile circuit design enables operation in 2-wire current loops.

**FEATURES/BENEFITS**
- Simple calibration push-buttons to set zero and span
- Cost effective and compact device suitable for OEM applications where space, simplicity, and value are key
- Easy access to front and rear for maintenance
- Positive pressure protection
- CE mark
- Intrinsically safe

**APPLICATIONS**
- Air handlers
- Duct pressure
- HVAC systems
- Clean rooms
- Research labs
- Animal facilities
- Hospital isolation wards
- Pharmaceutical systems
- Manufacturing
- Hygiene
- HVAC systems

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Range</th>
<th>Max. Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>616D-2</td>
<td>0 to 6 in w.c.</td>
<td>10 psig</td>
</tr>
<tr>
<td>616D-3</td>
<td>0 to 10 in w.c.</td>
<td>10 psig</td>
</tr>
<tr>
<td>616D-4</td>
<td>0 to 20 in w.c.</td>
<td>20 psig</td>
</tr>
<tr>
<td>616D-5</td>
<td>0 to 40 in w.c.</td>
<td>20 psig</td>
</tr>
<tr>
<td>616D-6</td>
<td>0 to 100 in w.c.</td>
<td>15 psig</td>
</tr>
<tr>
<td>616D-7</td>
<td>0 to 200 in w.c.</td>
<td>45 psig</td>
</tr>
<tr>
<td>616D-8</td>
<td>0 to 10 psig</td>
<td>45 psig</td>
</tr>
</tbody>
</table>

**SERIES RSM**

**ROOM STATUS MONITOR**

For Sensing Low Pressure Using High Accuracy

**SPECIFICATIONS**
- Service: Air or non-conductive, nonexplosive gases.
- Accuracy: ±0.5% FS,
- Temperature Limits: 32 to 120°F (0 to 50°C),
- Humidity Limits: 5 to 95% relative humidity (non-condensing),
- Thermal Effects: ±0.03% FS/F° C (±0.05% FS/C°),
- Pressure Limits: ±15 in w.c. (±3.7 kPa),
- Supply Voltage: Order code A (24 VAC): 18 to 32 VAC, 50 to 60 Hz; Order code B (120 VAC): 85 to 265 VAC, 50 to 60 Hz; Main supply voltage fluctuations up to 10%,
- Power Requirements: 5 W,
- Power Consumption (Voltage output): 5 W,
- Output Signal: Selectable 4 to 20 mA (2-wire), 0 to 5 VDC (3-wire), or 0 to 10 VDC (3-wire).

**ACCESSORY**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-360</td>
<td>Aluminum DIN Rail 1 m</td>
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</table>

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Excitation/Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-285</td>
<td>Remote alarm annunciator with visible/audible alarm and acknowledge switch</td>
</tr>
</tbody>
</table>

**OPTIONS**

- Optional BACnet communication
- Selectable 4 to 20 mA (2-wire), 0 to 5 VDC (3-wire), or 0 to 10 VDC (3-wire) output.
- Field selectable output range.
- Zero and span adjustments.
- Push button to enter setup menu.
- Switch to select 4-20 mA or 0-5 VDC output.
- Selectable range.
- Selectable factory set point.
- Selectable output range.
- Selectable input range.
- Selectable input type.
- Selectable output type.
- Selectable output gain.
- Selectable factory set point.
- Selectable output range.
- Selectable input range.
- Selectable input type.
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