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
- The span and zero controls are for use when checking calibration.

APPLICATIONS
- Air handlers
- Duct pressure

SERIES RSM
ROOM STATUS MONITOR
For Sensing Low Pressure Using High Accuracy

SERIES RSM Room Status Monitor is designed for critical low differential pressure applications that require stringent pressure monitoring and alarming. The SERIES RSM can be configured to monitor positive or negative pressure in protected environments and housing isolation rooms per CDC guidelines. The RSM is a complete system with a graphic user interface which enables access to pressure, security, calibration, and alarm setup. The RSM has a NEMA 1 (IP20) rated fire retardant plastic for indoor applications.

FEATURES/BENEFITS
- Accurately monitor protective environments for negative or positive pressure
- Ensuring safety and reducing risk of catastrophic events
- Audible and visual alarm provides immediate local alerts allowing corrective action to be taken quicker to eliminate the problem from becoming widespread
- Password protected set up menu helps to insure no errors by untrained personnel
- Optional BACnet communication from devices provides integration into building control system for automated control and centralized monitoring and alarming

APPLICATIONS
- Hospital isolation wards
- Clean rooms
- Pharmaceutical
- Research labs
- Manufacturing
- Animal facilities

MODEL CHART

<table>
<thead>
<tr>
<th>Model**</th>
<th>Operating Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSM-1-A</td>
<td>±0.05 in w.c.</td>
<td>$1053.00</td>
</tr>
<tr>
<td>RSM-2-A</td>
<td>±0.1 in w.c.</td>
<td>$1053.00</td>
</tr>
<tr>
<td>RSM-3-A</td>
<td>±0.25 in w.c.</td>
<td>$1053.00</td>
</tr>
<tr>
<td>RSM-4-A</td>
<td>±0.5 in w.c.</td>
<td>$1053.00</td>
</tr>
<tr>
<td>RSM-5-A</td>
<td>±1 in w.c.</td>
<td>$1053.00</td>
</tr>
<tr>
<td>RSM-6-A</td>
<td>±2.5 in w.c.</td>
<td>$1053.00</td>
</tr>
</tbody>
</table>

*Excitation/Output: 24 VAC to 20 mA or 0 to 5 or 0 to 10 VDC.
**Exclusion/Output: 120 VAC to 20 mA or 0 to 5 or 0 to 10 VDC.

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).
- Pressure Limits: ±15 in w.c. (±3.7 kPa).
- Supply Voltage: Order code A (24 VAC): 16 to 32 VAC; 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.
- Selectable 4 to 20 mA (2-wire), 0 to 5 VDC (3-wire), or 0 to 10 VDC (3-wire).

ACCESSORIES
- A-285 Remote alarm annunciator with visible/audible alarm and acknowledge switch

Switch Type: SPST
Loop Resistance (4 to 20 mA output): 0 to 510 Ω
Electrical Connection: Removable terminal block
Process Connections: Barbed fittings for 3/16” ID tubing
Enclosure Rating: NEMA 4 (IP20) rated for indoor applications
Housing: Fire retardant plastic
Mounting: Mount to standard double gang metal electrical box using 4x4” plastic ring adapter
Dimensions: 8” H x 5.4” W x 1.8” D (20.3 H x 13.7 W x 4.1 D cm)
Weight: 1.5 lb (680 g)
Communications: BACnet MSTP ASCII options
Agency Approvals: CE, CSA (RSM only)