SERIES DX

WET/WET DIFFERENTIAL PRESSURE SWITCH

NEMA 4X Enclosure, Low Differential Set Points

The Series DX Wet/Wet Differential Pressure Switch makes a contact output based on the differential between two pressure sources. Wetted materials of brass and fluoroelastomer are suitable for use with most gases and water based solutions. The switch can be used for low differential pressure indication with set point on a decrease of pressure as low as 1 psid (0.07 bar). Differential set point ranges are available from 2.5 to 75 psid (0.17 to 5.17 bar) on increasing differential pressure and 1.0 to 50 psid (0.07 to 3.45 bar) on decreasing differential pressure. Unit features a high static pressure rating of 200 psig (13.8 bar). Weatherproof, UL type 4X, enclosure for dust laden, outdoor, or wash-down installation environments. Externally adjustable set point, integral mounting flange and a removable electrical terminal block for quick and easy installation.

FEATURES/BENEFITS

- Differential pressure switch that is suitable for most gas and water-based applications
- Indicating filter condition
- Removable terminal block reduces installation time
- Ensuring switch's long-service life
- Weatherproof housing provides protection in the harsh, wet or dirty environments
- Allows multiple uses in the most sophisticated designs
- Easy installation.

APPLICATIONS

- Proving flow through a chiller
- Proving flow through a heat pump or AC unit
- Proving flow through a chiller

OPTIONS

To order add suffix: Description Price
PRESET Preset unit $+17.00
Example: DXW-11-153-1-PRESET

USA: California Proposition 65

Example:

USA: California Proposition 65

SERIES DP | MERCOID® BY DWYER

DOUBLE BELLOWS DIFFERENTIAL PRESSURE SWITCH

Visible Set Points, Adjustable or Fixed Deadband, High Pressure Ranges

Two opposing bellows combine maximum sensitivity and vibration resistance at a moderate cost in the Series DP Double Bellows Differential Pressure Switch. Both set and reset points are easily adjustable through non-interactive, externally accessible controls. Visible set point indicators simplify changes preventing out of range switching. External access to set and rest controls makes for easy adjustments

FEATURES/BENEFITS

- Bellows switch design provides sensitivity to pressure changes but resists vibration
- External access to set and rest controls makes for easy adjustments
- Visible set point indicators simplify changes

APPLICATIONS

- Accurate switch triggers in high pressure applications

OPTIONS

To order add suffix: Description Price
- PRESET

USA: California Proposition 65

USA: California Proposition 65

Example:

USA: California Proposition 65

SPECIFICATIONS

Viscous Set Points, Adjustable or Fixed Deadband, High Pressure Ranges

Model Chart

<table>
<thead>
<tr>
<th>Model</th>
<th>Adjustable Differential Range (on increase) (psid [bar])</th>
<th>Fixed Deadband (psid [bar])</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Low Set Point</td>
<td>High Set Point</td>
</tr>
<tr>
<td>DXW-11-153-1</td>
<td>2.5 to 10 (0.17 to 0.69)</td>
<td>2.5 (0.17)</td>
</tr>
<tr>
<td>DXW-11-153-2</td>
<td>10 to 25 (0.69 to 1.72)</td>
<td>3.5 (0.24)</td>
</tr>
<tr>
<td>DXW-11-153-3</td>
<td>25 to 50 (1.72 to 3.45)</td>
<td>6.0 (0.41)</td>
</tr>
<tr>
<td>DXW-11-153-4</td>
<td>50 to 75 (3.46 to 5.17)</td>
<td>9.0 (0.60)</td>
</tr>
</tbody>
</table>

Set points on decrease will be the range minus the deadband.

Note: Setpoints on decrease will be the range minus the deadband.