The SERIES DX is a differential pressure switch that 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 67 psid (0.07 to 4.62 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
- Weatherproof housing provides protection in the harsh, wet or dirty environments ensuring switch’s long-service life
- Removable terminal block reduces installation time

APPLICATIONS

- Indicating filter differential pressure
- Proof of flow indicator monitoring
- Proving flow through a heat pump or AC unit
- Visible set point indicators simplify changes
- External access to set and rest controls makes for easy adjustments
- Accurate switch triggers in high pressure applications

OPTIONS

- To order add suffix: Description Price
  - PRESET: Preset unit $+16.25

Example: DXW-11-153-1-PRESET

USA: California Proposition 65

⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SERIES DP | MERCOID® BY DWYER

DOUBLE BELLOWS DIFFERENTIAL PRESSURE SWITCHES

Visible Setpoints, Adjustable or Fixed Deadband, High Pressure Ranges

Two opposing bellows combine maximum sensitivity and vibration resistance at a moderate cost in the SERIES DP differential pressure switches. Both set and reset points are easily adjustable through non-interactive, externally accessible controls. Visible setpoint indicators simplify changes. SPDT snap action switch, 316 stainless steel or brass bellows, flanged steel housing. Rated pressures to 600 psig.

FEATURES/BENEFITS

- Bellows switch design provides sensitivity to pressure changes but resists vibration preventing out of range switching
- 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

MODEL CHART

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass</td>
<td>0-10 (0.17)</td>
<td>50 (3.5)</td>
<td>1.5 (0.10)</td>
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<tr>
<td>Brass</td>
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<tr>
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<tr>
<td>Brass</td>
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<tr>
<td>Brass</td>
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<tr>
<td>Brass</td>
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</table>

USA: California Proposition 65

⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

MODEL CHART

<table>
<thead>
<tr>
<th>Adjustable Deadband</th>
<th>Fixed Deadband</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snap Action Switch</td>
<td>Snap Action Switch</td>
</tr>
<tr>
<td>SPDT, 15A @ 120/240 VAC</td>
<td>SPDT, 15A @ 120/240 VAC</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Wetted Materials: Brass on ranges 61, 62, 63 or 316 SS on ranges 62E, 64E, 65E.
- Temperature Limits: -10 to 180°F (-23 to 82°C).
- Pressure Limit: Maximum pressure of the operating range.
- Enclosure Rating: General purpose. Weatherproof or explosion-proof optional.
- Switch Type: Snap switch. (Contact factory for mercury switch.
- Electrical Rating: See model chart. Electrical Connection: Screw terminal.

Conduit Connection: General purpose: 1/2” hole for conduit hub; Weatherproof: 1/2” conduit hub; Explosion-proof: 3/4” female NPT.
Process Connection: General purpose and weatherproof: 1/8” female NPT, explosion-proof: 1/4” male NPT.
Mounting Orientation: Vertical.
Set Point Adjustment: Thumb screw.
Weight: General purpose: 5 lb (2.3 kg), weatherproof: 7 lb (3 kg), explosion-proof: 25 lb (11 kg).
Deadband: See model chart.
Agency Approvals: CE, cULus.

OPTIONS

To order add suffix: Description Price
- W: Weatherproof enclosure $+193.00
- E: Explosion-proof enclosure $+1506.00

Example: DPAE-7033-153-61

⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SERIES DX

WET/WET DIFFERENTIAL PRESSURE SWITCH

NEMA 4X Enclosure, Low Differential Set Points

The SERIES DX is a differential pressure switch that 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 67 psid (0.07 to 4.62 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.

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- Proving flow through a heat pump or AC unit