Dwyer®

Series A4
Differential Pressure Switch
Adjustable Set Point, High Pressure

Rugged Series A4 Differential Pressure Switch offers field adjustments and can handle system pressures up to 6000 psig. Piston design allows mounting in any orientation. The switch is capable of carrying moderate shock and vibratory loads.

Example: DPA W
— to order add “W” suffix after DPA.
Explosion-Proof Housing
Weatherproof Housing
Optional Enclosures

<table>
<thead>
<tr>
<th>Model</th>
<th>Pe</th>
<th>Set Point psid (bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4-1</td>
<td>±4 (.28)</td>
<td>7-13 (.49-1.89)</td>
</tr>
<tr>
<td>A4-2</td>
<td>±4 (.28)</td>
<td>2-13,. (1.4-1.89)</td>
</tr>
<tr>
<td>A4-3</td>
<td>±8 (.55)</td>
<td>25-45 (1.7-3.1)</td>
</tr>
<tr>
<td>A4-4</td>
<td>±16 (1.1)</td>
<td>35-160 (2.4-11.0)</td>
</tr>
<tr>
<td>A4-5</td>
<td>±32 (2.2)</td>
<td>120-250 (8.3-17.2)</td>
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</tbody>
</table>

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

Optional Enclosures

Weatherproof Housing — to order add “W” suffix after DPA.
Example: DPA W – 7033-153-61

Explosion-Proof Housing — to order add “E” suffix after DPA.
Example: DPA E – 7033-153-61

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Brass</td>
<td>0-10 (0.7)</td>
<td>50 (3.5)</td>
<td>1.5 (.10)</td>
<td>DPA-7033-153-61</td>
<td>0.5 (.03)</td>
<td>DPS-7233-153-61</td>
</tr>
<tr>
<td>Brass</td>
<td>0-20 (1.4)</td>
<td>100 (6.9)</td>
<td>2.5 (.17)</td>
<td>DPA-7033-153-62</td>
<td>1.0 (.07)</td>
<td>DPS-7233-153-62</td>
</tr>
<tr>
<td>Brass</td>
<td>0-30 (2.1)</td>
<td>200 (13.7)</td>
<td>3.0 (.21)</td>
<td>DPA-7033-153-64</td>
<td>1.5 (.10)</td>
<td>DPS-7233-153-64</td>
</tr>
<tr>
<td>Brass</td>
<td>0-40 (2.8)</td>
<td>250 (16.9)</td>
<td>6.0 (.41)</td>
<td>DPA-7033-153-65</td>
<td>2.0 (.14)</td>
<td>DPS-7233-153-65</td>
</tr>
</tbody>
</table>

Differential Pressure Switches

CALL TO ORDER: U.S. Phone 219 879-8000 • U.K. Phone (+44) (0)1494-461707 • Australia Phone (+61) (0) 2 4272 2055

SPECIFICATIONS

Service: Compatible gases.
Temperature Limits: -65 to 225°F (-54 to 107°C).
Pressure Limits: 2000 psid (138 bar), 6000 psig (413 bar).
Repeatability: See table.
Switch Type: SPDT.
Electrical Rating: AC: 3 VA, 0.25A @ 120 VAC; DC: 5 VA, 0.25A @ 175 VDC.
Electrical Connection: 24 AWG X 12” (30.5 cm) wire leads.
Process Connection: 1/4˝ female NPT.
Mounting Orientation: Any.
Set Point Adjustment: See table.
Weight: 8.5 oz (241 g).
Agency Approvals: CE.