Differential Pressure Switches

• Gas furnaces
• Natural, manufactured or LP gas applications

APPLICATIONS

Compact size and low cost make it ideal for gas fired or gas equipment OEM applications.

FEATURES/BENEFITS

• Visible set point and on-off indicator simplifies operation and trouble shooting
• Compact size and low cost make it ideal for gas fired or gas equipment OEM applications

APPLICATIONS

• Gas furnaces
• Natural, manufactured or LP gas applications

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (in w.c.)</th>
<th>Price</th>
<th>Model</th>
<th>Range (in w.c.)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG-15-P1</td>
<td>1.4 to 5.5</td>
<td>$95.00</td>
<td>PG-15-P1</td>
<td>1.4 to 5.5</td>
<td>$95.00</td>
</tr>
</tbody>
</table>

*, SPST switches shown are close on increase of pressure.

For explosion-proof models, see page 55 (Series 1950G).

Series PG Gas Pressure/Differential Pressure Switches

GAS PRESSURE/DIFFERENTIAL PRESSURE SWITCHES

External Adjustment, Visible Dial, Hermetically Sealed Snap or Mercury Switch

The Series PG Gas Pressure/Differential Pressure Switch has a large sensitive diaphragm and a reliable time proven mechanical design. For use with air and other compatible gases, they feature excellent ±1% of full-scale repeatability, clear easy-to-read scale and convenient external set point adjustment.

Application flexibility is assured by a large variety of switching options including SPST, SPDT, DPST and DPDT; opening or closing on increasing pressure, vacuum or decreasing pressure. Mercury switches or hermetically sealed snap switches are available where high humidity would be a problem. If vibration or other factors preclude the use of mercury, snap switches can be provided. Standard housing is Weatherproof and explosion-proof. Set Point Adjustment: Screw type with visible indicator, inside conduit enclosure.

APPLICATIONS

• Natural, manufactured or LP gas applications

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Max. Deadband</th>
<th>Switch Type</th>
<th>Price</th>
<th>Model</th>
<th>Range</th>
<th>Max. Deadband</th>
<th>Switch Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG-153-P1</td>
<td>1-30 in w.c.</td>
<td>1.9 in w.c.</td>
<td>SPDPT mercury</td>
<td>424.00</td>
<td>PG-7000-153-P1</td>
<td>1-30 in w.c.</td>
<td>4 in w.c.</td>
<td>SPDPT mercury</td>
<td>424.00</td>
</tr>
<tr>
<td>PG-153-P2</td>
<td>0.5-5 psid (0.3-345 bar)</td>
<td>0.4 psid (0.39 bar)</td>
<td>SPDPT mercury</td>
<td>423.00</td>
<td>PG-7000-153-P2</td>
<td>0.5-5 psid (0.03-345 bar)</td>
<td>0.3 psid (0.035 bar)</td>
<td>SPST mercury</td>
<td>423.00</td>
</tr>
<tr>
<td>PG-153-P1</td>
<td>1-30 in w.c.</td>
<td>1.3 in w.c.</td>
<td>SPST mercury</td>
<td>423.00</td>
<td>PG-7000-153SH-P1</td>
<td>1-30 in w.c.</td>
<td>1.9 in w.c.</td>
<td>SPST mercury</td>
<td>423.00</td>
</tr>
<tr>
<td>PG-153-P2</td>
<td>0.5-5 psid (0.3-345 bar)</td>
<td>0.3 psid (0.21 psid)</td>
<td>SPST mercury</td>
<td>423.00</td>
<td>PG-7000-153HG-P1</td>
<td>0.5-5 psid (0.3-345 bar)</td>
<td>0.3 psid (0.21 psid)</td>
<td>SPST mercury</td>
<td>423.00</td>
</tr>
</tbody>
</table>

For expansion-proof models, see page 55 (Series 1950G).

Process Tubing Options: See page 455 (Gage Tubing Accessories)

SPECIFICATIONS

Wetted Materials: Fairprene, brass, steel, and aluminum.

Temperature Limits: -10 to 180°F (-23 to 82°C)

Pressure Limit: Single pressure use on high side: Sustained pressure: 15 psig (1.0 bar)

Mercury switches or hermetically sealed snap switches are available where high humidity would be a problem. If vibration or other factors preclude the use of mercury, snap switches can be provided. Standard housing is Weatherproof and explosion-proof.

Features/Benefits

• Clear easy-to-read scale and external set point adjustment simplifies operation and troubleshooting
• Large diaphragm provides accuracy for precise control
• Multiple switching options meet the design of applications

Agency Approvals: CSA, FM, UL, Explosion-Proof.