See page 587 for process tubing options.

and time proven dependable design are combined in model PG bottom. Used with natural, manufactured or LP gas. Also see Model 1950G.

Mount switch with diaphragm in a horizontal position and gas pressure connection at bottom. Used with natural, manufactured or LP gas. Also see model 1950G.

Model 1996-20 gas-air pressure switch. Connections, dimensions and visible on-off indicator are shown.

Reliable and convenient, the 1996-5 and the 1996-20 Gas Pressure Switches serve as a compact, low cost switch for gas fired furnaces and equipment. Pressure ranges for both models are ideal for high or low gas pressure interlock. Visible set point and on-off indicators add convenience in servicing. Use either NO or NC contacts on SPDT switch. Bottom connection has both 1/8" female and 1/4" male threads for pipe nipple or coupling. Top connection vent diaphragm chamber to outside or to furnace combustion chamber. Mount switch with diaphragm in a horizontal position and gas pressure connection at bottom. Used with natural, manufactured or LP gas. Also see Model 1950G.

### Gas Pressure Switches

**Series 1996**

**Gas Pressure Switches**

Compact, Low Cost, 4 in - 20 in w.c. Range

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996-5</td>
<td>1.4 in - 5.5 in w.c.</td>
<td>$83.00</td>
</tr>
<tr>
<td>1996-20</td>
<td>4 in - 20 in w.c.</td>
<td>$83.00</td>
</tr>
</tbody>
</table>

See page 587 for process tubing options.

**SPECIFICATIONS**

**Service:** Air, natural & manufactured gas, LP gas.

**Wetted Materials:** Consult factory.

**Temperature Limits:** 32 to 110°F (0 to 43.3°C) -30 to 110°F (-34.4 to 43.3°C) for dry gas or dry air.

**Pressure Limits:** 45 in w.c. (11.2 kPa) continuous; 10 psig (68.95 kPa) surge. 

**Switch Type:** Single-pole double-throw (SPDT).

**Electrical Rating:** 15A @ 120-480 VAC, 60 Hz. Resistive 1/8 H.P. @ 125 VAC, 1/4 H.P. @ 250 VAC 60 Hz.

**Agency Approvals:** CE, CSA, FM, UL.

**Electrical Connections:** 3 screw type, common, normally open, normally closed.

**Vent Connection:** 1/8” female NPT or 1/4” male NPT.

**Mounting Orientation:** Diaphragm in horizontal position. Consult factory for other position orientations.

**Set Point Adjustment:** Screw type with visible indicator, inside conduit enclosure.

**Weight:** 1 lb 2.3 oz (349 g)

**Comparison Chart**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG-153-P1</td>
<td>1-3 in w.c. (25.4-76.2 mm)</td>
<td>$326.00</td>
</tr>
<tr>
<td>PG-153-P2</td>
<td>0.5-5 psid (3.3-34.5 bar)</td>
<td>$326.00</td>
</tr>
<tr>
<td>PG-3-P1</td>
<td>1-3 in w.c. (25.4-76.2 mm)</td>
<td>$326.00</td>
</tr>
<tr>
<td>PG-3-P2</td>
<td>0.5-5 psid (3.3-34.5 bar)</td>
<td>$326.00</td>
</tr>
<tr>
<td>PG-7000-153-P1</td>
<td>2-5 in w.c. (51.0-127.0 mm)</td>
<td>$326.00</td>
</tr>
<tr>
<td>PG-7000-153-P2</td>
<td>2-5 in w.c. (51.0-127.0 mm)</td>
<td>$326.00</td>
</tr>
<tr>
<td>PG-7000-153HS-P1</td>
<td>1-2 in w.c. (25.4-50.8 mm)</td>
<td>$326.00</td>
</tr>
<tr>
<td>PG-7000-153HG-P1</td>
<td>1-2 in w.c. (25.4-50.8 mm)</td>
<td>$326.00</td>
</tr>
</tbody>
</table>

**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).
- Surge limit: 20 psig (1.4 bar).
- Differential pressure use: Sustained pressure, range P1: 2 psig (0.14 bar).
- Sustained pressure, range P2: 10 psig (0.7 bar).

**Enclosure Rating:** General purpose. Weatherproof and explosion-proof optional.

**Repeatability:** ±1% of full range.

**Switch Type:** SPDT mercury switch, SPDT mercury switch, SPDT snap switch, or SPDT hermetically sealed snap switch. Optional DPDT.

**Electrical Rating:** SPDT

- Mercury: 4A @ 120 VAC/VDC, 2A @ 240 VAC/VDC. SPDT
- Mercury: 6A @ 120 VAC/VDC, 3A @ 240 VAC/VDC. SPDT
- Snap: 15A @ 120 VAC, 8A @ 240 VAC, 0.5A @ 120 VDC, 0.25A @ 240 VDC. SPDT H.S. Gold Snap: 1A @ 125 VAC, 30 VDC resistive. SPDT H.S. Silver Snap: 5A @ 125/250 VAC, 30 VDC resistive. SPDT

**Agency Approvals:** CE, CSA, FM, UL.