**BRASS FLOW SWITCH**

Fixed Setpoints, Flow Rates from 0.10 to 1.5 GPM

The Series P1 Brass Flow Switch utilizes a piston-type design for accurate detection of excessive or insufficient liquid flow rates. The switches have preset actuation points from 0.10 to 1.5 GPM for liquid flow.

**FEATURES/BENEFITS**
- Piston-type operation yields accurate detection of low flow rates
- The piston magnetically actuates a hermetically sealed SPST reed switch

**APPLICATIONS**
- Industrial cleaning equipment
- Detecting loss of fluid in hydraulic systems
- Assuring proper coolant flow in semiconductor processing

**SPECIFICATIONS**
- **Service:** Compatible liquids.
- **Wetted Materials:** Housing: Brass; Piston: Polysulfone; Spring: 316SS; O-ring: Fluoroelastomer; Other: Epoxy.
- **Temperature Limits:** -20 to 225°F (-29 to 107°C).
- **Pressure Limits:** 1000 psig (68.9 bar).
- **Accuracy:** ±10% of set point.
- **Repeatability:** ±1%.
- **Switch Type:** SPST.
- **Electrical Rating:** .17 A @ 120 VAC, .08 A @ 240 VAC, .13 A @ 120 VDC, .06 A @ 240 VDC.
- **Electrical Connection:** No. 22 AWG, 24˝ (61 cm), polymeric leads.
- **Process Connection:** 1/4˝ female NPT.
- **Mounting Orientation:** Any position. Set points shown are based on vertical, inlet down position.
- **Required Filtration:** 50 microns or better.
- **Weight:** 0.66 lb (301 g).
- **Agency Approvals:** CE.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Actuation Set Point* GPM (LPM)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1-011</td>
<td>0.10 (.38)</td>
<td>$226.00</td>
</tr>
<tr>
<td>P1-012</td>
<td>0.25 (.95)</td>
<td>$226.00</td>
</tr>
<tr>
<td>P1-013</td>
<td>0.50 (1.89)</td>
<td>$226.00</td>
</tr>
<tr>
<td>P1-014</td>
<td>0.75 (2.84)</td>
<td>$226.00</td>
</tr>
<tr>
<td>P1-015</td>
<td>1.00 (3.79)</td>
<td>$226.00</td>
</tr>
<tr>
<td>P1-016</td>
<td>1.50 (5.68)</td>
<td>$226.00</td>
</tr>
</tbody>
</table>

*Calibrated for water at standard conditions.

USA: California Proposition 65

WARN: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

**SERIES P8**

**HIGH PRESSURE BRASS FLOW SWITCH**

Up to 1500 psi, Fixed Setpoint, Up to 2.0 GPM, Rugged Brass Body

The Series P8 High Pressure Brass Flow Switch is ideal for high in-line pressures. Set points range from 0.25 to 2.0 GPM for liquid flow.

**FEATURES/BENEFITS**
- Integrates a one-piece magnetic PPS composite piston to handle pressure up to 1500 psi
- Less susceptible to clogging than other high in-line pressure switches with 100 micron filtration

**APPLICATIONS**
- Industrial cleaning equipment
- High pressure lubrication systems

**SPECIFICATIONS**
- **Service:** Compatible liquids.
- **Wetted Materials:** Housing: Brass; Piston: PPS composite, epoxy; Spring: 316 SS; O-ring: Fluorocarbon.
- **Temperature Limits:** -20 to 275°F (-28 to 135°C).
- **Pressure Limits:** 1500 psi (103.4 bar).
- **Accuracy:** ±20% of set point.
- **Switch Type:** SPST, NO.
- **Electrical Rating:** .17 A @ 120 VAC, .08 A @ 240 VAC, .13 A @ 120 VDC, .06 A @ 240 VDC.
- **Electrical Connection:** 18 AWG, 24˝ (60.96 cm), polymeric lead wires.
- **Process Connection:** 3/8˝ male NPT.
- **Mounting Orientation:** Any position. Set points shown are based on vertical, inlet down position.
- **Required Filtration:** 100 microns or better.
- **Weight:** 6 oz (.17 kg).
- **Agency Approvals:** CE.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Actuation Set Point GPM (LPM)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P8-11</td>
<td>0.25 (.95)</td>
<td>$152.00</td>
</tr>
<tr>
<td>P8-12</td>
<td>0.50 (1.89)</td>
<td>$152.00</td>
</tr>
<tr>
<td>P8-13</td>
<td>1.0 (3.79)</td>
<td>$152.00</td>
</tr>
<tr>
<td>P8-14</td>
<td>1.5 (5.68)</td>
<td>$152.00</td>
</tr>
<tr>
<td>P8-15</td>
<td>2.0 (7.57)</td>
<td>$152.00</td>
</tr>
</tbody>
</table>

*Items are net priced and are not subject to any discount.

USA: California Proposition 65

WARN: Cancer and Reproductive Harm - www.P65Warnings.ca.gov