**Flow Switches, Thermal**

**Flow Switches**

The transparent Series P5 Shuttle Flow Switch features corrosion resistant, durable PVC housing for visual confirmation in flow/no flow applications. The switches have preset actuation points from 0.5 to 2.0 GPM for actuation on increasing flow. Switching is SPST NO flow. Choose from 1/2" NPT or 3/4" IPS (for 0.5 GPM) or 1" IPS (for 2.0 GPM) inlet and outlet ports. The shuttle design has only one moving part for long life and minimum maintenance. Remove the one-piece bonnet and shuttle assembly to quickly clean inlet and outlet ports. The shuttle design has only one moving part for long life and minimum maintenance. Remove the one-piece bonnet and shuttle assembly to quickly clean the unit without disturbing the housing or piping. Rugged construction and excellent chemical compatibility simplify flow/no flow detection.

**SPECIFICATIONS**

- **Service:** Compatible liquids.
- **Wetted Materials:** Housing, shuttle and bonnet: PVC, O-ring: Buna-N; Epoxy.
- **Temperature Limits:** 120°F (49°C).
- **Pressure Limit:** 120 psig (8.2 bar) @ 120°F (49°C).
- **Hysteresis:** ±10% of set-point value.
- **Accuracy:** ≤±20% of set point.
- **Switching Current:** < 200 mA.
- **Power Consumption:** 6 W max.
- **Electrical Connection:** M12 male socket 4-pin. Comes with 6.5 ft (2 m) cable with M12 connector and pigtail.
- **Process Connection:** 1/2" male NPT.
- **Enclosure Rating:** NEMA 4 (IP56).
- **Weight:** .55 lb (.25 kg).

<table>
<thead>
<tr>
<th>Model</th>
<th>Actuation Set Point GPM (LPM)</th>
<th>Process Connection</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P5-1</td>
<td>.5 (1.89)</td>
<td>1/2&quot; NPT port adapter</td>
<td>$81.00</td>
</tr>
<tr>
<td>P5-2</td>
<td>.5 (1.89)</td>
<td>3/4&quot; IPS</td>
<td>91.00</td>
</tr>
<tr>
<td>P5-3</td>
<td>2.0 (7.57)</td>
<td>1&quot; IPS</td>
<td>91.00</td>
</tr>
</tbody>
</table>

⑨ Items are net priced and are not subject to any discount.

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**Flow Switches, Fluid Power**

**Flow Switches**

**LOW COST FLOW/NO FLOW MONITORING, VISUAL FLOW INDICATION, BROAD CHEMICAL COMPATIBILITY**

**SPECIFICATIONS**

- **Service:** Water and water based liquids/oil and oil-based liquids.
- **Wetted Materials:** Sensor head: 303 SS.
- **Low Flow Set Point:** Automatic set @ 50% / adjustable via "set" push button.
- **Set Point Range:** 5.0 ft/s (0-150 cm/s).
- **Hysteresis:** < 0.5%.
- **Response Time:** 25 seconds (typical).
- **Initial Operation:** After 15 seconds.
- **Pressure Limit:** 450 psi (30 bar).
- **Power Consumption:** 6 W max.
- **Electrical Rating:** .17A @ 120 VAC, .08A @ 240 VAC.
- **Electrical Connection:** M12 male socket 4-pin. Comes with 6.5 ft (2 m) cable with M12 connector and pigtail.
- **Process Connection:** 1/2" male NPT.
- **Mounting Orientation:** Vertical, inlet facing down.
- **Initial Operation:** After 15 seconds.
- **Weight:** 6 oz (.17 kg).
- **Agency Approvals:** CE.