Flowmeters with Switch

Direct-Reading Series FS Flowmeters offer visual flow rate indication in GPM or LPM units. Models include an adjustable, latching flow alarm to open or close AC electrical circuits, trigger warning lights, or activate other process control equipment. Spring-retained moveable piston design allows installation in any position.

### SPECIFICATIONS

- **Service:** Compatible liquids.
- **Wetted Materials:** Polysulfone body, barium ferrite, stainless steel spring and retaining rings.
- **Temperature Limits:** 158°F (70°C).
- **Pressure Limits:** 325 psi (22.4 bar).
- **Accuracy:** ±5% full scale.
- **Repeatability:** 1.0%.
- **Set Point:** Adjustable 0 to 100% FS.
- **Relay Load:** 1 A @ 30 VDC; 0.5 A @ 125 VAC (resistive).
- **Supply Voltage:** 115 VAC, ±10%.
- **Current Consumption:** 25 mA max.
- **Process Connections:** 1” male NPT polysulfone or 3/4” male NPT brass.
- **Flow Scale:** Calibrated at 1.0 specific gravity @ 70°F (21°C).
- **Weight:** 1” male NPT polysulfone: 0.55 lb (0.25 kg); 3/4” male NPT brass: 0.90 lb (0.41 kg).
- **Agency Approvals:** CE.

### APPLICATIONS

Monitoring flow in chemical processing, waste water processing, process control, lubrication systems, solar systems, drain lines and pump testing.

### Output Range

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Range</th>
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</thead>
<tbody>
<tr>
<td>FS10410</td>
<td>0.5 to 4.0 (1.9 to 15)</td>
</tr>
<tr>
<td>FS11610</td>
<td>1.0 to 16 (5 to 60)</td>
</tr>
<tr>
<td>FS12810</td>
<td>4.0 to 28 (20 to 100)</td>
</tr>
<tr>
<td>FS20400</td>
<td>0.5 to 4.0 (1.9 to 15)</td>
</tr>
<tr>
<td>FS20700</td>
<td>1.0 to 7.0 (4 to 26)</td>
</tr>
</tbody>
</table>

### Process Connections

- 1” male NPT polysulfone
- 3/4” male NPT brass