LOW-COST FLOW SWITCHES FOR THREADED PLASTIC PIPING

FSW500 Series

- Flow Switch Setpoints: 0.25 to 5.0 GPM
- ¾ NPT Ports
- Non-Adjustable Setpoint

The FSW500 offers low-cost flow monitoring with a variety of switch actuation points and low pressure drop. With their polypropylene or stainless steel wetted parts, these switches are suitable for a wide range of chemical and temperature requirements. The FSW500 is ideal for cooling of equipment such as welders and lasers. A J-box version with a 5 A relay is also available.

SPECIFICATIONS

Wetted Materials
Housing, Bonnet, Shuttle, Shuttle Cap: Polypropylene, hydrolytically stable
O-Ring: FKM
Spring: 316 SS
Retaining Clip: PH 15-7 Mo SS
Operating Pressure, Maximum:
100 psig @ 21°C (70°F)
50 psig @ 82°C (180°F)
Operating Temperature, Maximum:
100°C (212°F)
Setpoint Accuracy: ±20%
Setpoint Differential: ±20% maximum
Switch: SPST, NO pilot duty 20 VA, 120 to 240 Vac or Vdc
J-Box with 5 A Relay: 120 Vac, 50/60 Hz
Contacts: 5 A to 240 Vac resistive
¾ hp to 120 Vac, 5 A to 28 Vdc resistive
Inlet/Outlet Ports: % FNPT
Electric Termination Pilot: 22 AWG, 0.6 mm (2") zip cord lead wires
J-Box: 1.8 mm (6") cable

To Order

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<tr>
<th>Model No.</th>
<th>Switch Actuation Setpoint (GPM)</th>
<th>Description</th>
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<tr>
<td>FSW501</td>
<td>0.25</td>
<td>Pilot duty 20 VA switch</td>
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<tr>
<td>FSW502</td>
<td>0.50</td>
<td>Pilot duty 20 VA switch</td>
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<tr>
<td>FSW503</td>
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<td>FSW505</td>
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<tr>
<td>FSW506</td>
<td>5.00</td>
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<tr>
<td>FSW511</td>
<td>0.25</td>
<td>J-box with 5 A relay</td>
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<tr>
<td>FSW512</td>
<td>0.50</td>
<td>J-box with 5 A relay</td>
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Ordering Examples: FSW501, 20 VA switch.
FSW511, J-box with 5 A relay.