Diaphragm Operated Pressure Switches
Visible Setpoint Adjustment, Compact

SPECIFICATIONS
Temperature Limits: -30 to 150°F (-35 to 66°C).
Pressure Limit: See model chart.
Enclosure Rating: General purpose. Weatherproof and explosion-proof option.
Switch Type: SPDT mercury switch or SPDT snap switch. Other switch types available.
Electrical Rating: Mercury switch: 4 A @ 120 VAC/DC, 2 A @ 240 VAC/DC. Snap switch: 15 A @ 120 VAC, 8 A @ 240 VAC, 0.5 A @ 120 VDC, 0.25 A @ 240 VDC.
Electrical Connections: Screw terminal.
Conduit Connection: 7/8" (22.23 mm) hole for 1/2" (12.7 mm) conduit hub.
Process Connection: 1/4" female NPT.
Mounting Orientation: Vertical for mercury switch models, any position for snap switch models.
Set Point Adjustment: External screw.
Weight: General purpose: 2 lb (0.9 kg).
Deadband: See model chart.
Agency Approvals: CE, CSA, FM, UL. For FM consult factory. (Mercury switch units are not CE approved.)

Reliable and convenient, series AP pressure switch is a compact switch for instrument air or other low pressure applications. Visible set point and external adjustment add convenience. Used on air, noncorrosive gas or liquid service compatible with wetted parts. Unit also available in weatherproof and explosion-proof housing.

Mercury switch units are not CE approved.

Diaphragm Operated Pressure Switches

Visible Setpoint Adjustment, Compact

Series AP Pressure Switches

Diaphragm operated pressure switches are small and inexpensive, making them ideal for OEM use. The Series A7 switches utilize a high-quality snap-action switch, which is diaphragm actuated. They have a silicone diaphragm and nylon enclosure. The A7 switches are compact and lightweight, which adds to the ease of installation. The set point must be factory set, but a broad operating range makes them great for a variety of applications.

Models are built to your specification.
Set point is factory preset and is not field adjustable.
Minimum quantity order is 100.

Model Ordering Chart

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Switch Type</th>
<th>Switch Type SPDT</th>
<th>Low Deadband</th>
<th>Mercury</th>
<th>Medium</th>
<th>High Pressure</th>
<th>Maximum Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP-153-33</td>
<td>10-125 psig</td>
<td>Snap</td>
<td>0.4 psig</td>
<td>0.04 psi (0.2 bar)</td>
<td>15 psi</td>
<td>60 psi</td>
<td>0.15 bar</td>
<td>150 psi</td>
</tr>
<tr>
<td>AP-153-37</td>
<td>10-125 psig</td>
<td>Snap</td>
<td>1.0 psig</td>
<td>0.10 psi (1.0 bar)</td>
<td>50 psi</td>
<td>200 psi</td>
<td>1.0 bar</td>
<td>500 psi</td>
</tr>
<tr>
<td>AP-7021-153-33</td>
<td>10-125 psig</td>
<td>Snap</td>
<td>2.0 psig</td>
<td>0.20 psi (2.0 bar)</td>
<td>80 psi</td>
<td>400 psi</td>
<td>2.0 bar</td>
<td>500 psi</td>
</tr>
<tr>
<td>AP-7021-153-37</td>
<td>10-125 psig</td>
<td>Snap</td>
<td>3.0 psig</td>
<td>0.30 psi (3.0 bar)</td>
<td>150 psi</td>
<td>750 psi</td>
<td>3.0 bar</td>
<td>1500 psi</td>
</tr>
<tr>
<td>AP-7021-153-39</td>
<td>10-125 psig</td>
<td>Snap</td>
<td>4.0 psig</td>
<td>0.40 psi (4.0 bar)</td>
<td>250 psi</td>
<td>1250 psi</td>
<td>4.0 bar</td>
<td>2500 psi</td>
</tr>
</tbody>
</table>

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Mini Pressure Switch

Designed for OEM's, High Current Capacity

Series A7 Mini Pressure Switches

Visible set point and external adjustment add convenience. Used on air, noncorrosive gas or liquid service compatible with wetted parts. Unit also available in weatherproof and explosion-proof housing.

SWITCH IN YEAR 2013