**Series AP**

**Diaphragm Operated Pressure Switches**

**Visible Setpoint Adjustment, Compact**

<table>
<thead>
<tr>
<th>Model</th>
<th>Ranges</th>
<th>Switch Type</th>
<th>Switch Deadband</th>
<th>Maximum Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP-153-33</td>
<td>10&quot; vac-50&quot; wc (2.5-12.4 kPa)</td>
<td>Mercury</td>
<td>0.6 to 1.0 (0.15 to 0.25 bar)</td>
<td>15 psig</td>
</tr>
<tr>
<td>AP-153-37</td>
<td>1-10 psig (0.07-0.71 bar)</td>
<td>Mercury</td>
<td>0.6 to 1.0 (0.15 to 0.25 bar)</td>
<td>15 psig</td>
</tr>
<tr>
<td>AP-153-39</td>
<td>10-125 psig (69.6-86.8 bar)</td>
<td>Mercury</td>
<td>0.6 to 1.0 (0.15 to 0.25 bar)</td>
<td>15 psig</td>
</tr>
<tr>
<td>AP-7021-153</td>
<td>10&quot; vac.-50&quot; wc (2.5-12.4 kPa)</td>
<td>Snap</td>
<td>0.6 to 1.0 (0.15 to 0.25 bar)</td>
<td>15 psig</td>
</tr>
<tr>
<td>AP-7021-153</td>
<td>10-125 psig (69.6-86.8 bar)</td>
<td>Snap</td>
<td>0.6 to 1.0 (0.15 to 0.25 bar)</td>
<td>15 psig</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Wetted Materials:** Nylon reinforced Buna-N and steel. PTFE and 316 SS optional.
- **Temperature Limits:** -30 to 150°F (-35 to 66°C).
- **Pressure Limit:** See model chart.
- **Enclosure Rating:** General purpose. Weatherproof and explosion-proof optional.
- **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.
- **Agency Approvals:** CE, CSA, FM, UL. For FM consult factory. (Mercury switch units are not CE approved.)

**Series A7**

**Mini Pressure Switch**

**Designed for OEM’s, High Current Capacity**

- **Models:** A7-2211-10.00
- **Switch Type:** Mini Pressure Switch
- **Electrical Rating:** 0.1 A @ 125/250 VAC (gold contacts) 3 A @ 125/250 VAC 5 A @ 125/250 VAC 16 A @ 125/250 VAC 22 A @ 125/250 VAC
- **Electrical Connection:** 4.88 mm male O.C. tabs 6.35 mm male O.C. tabs
- **Process Connection:** 4 mm tube O.D. push on (side) 1/8" male NPT (bottom) 1/4" male NPT and 4 mm tube O.D. push on (bottom)
- **Set Point (psi):** 0 to 400

**Visible Setpoint Adjustment**

- **Deadband:** 0.6 to 0.8 in w.c. (1.5 to 2 mbar).
- **Mounting Orientation:** Vertical for mercury switch models, any position for snap switch models.
- **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.

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*Mercury switch units are not CE approved.*