**Series A9 Pressure Switches**

Series A9 Pressure Switches are designed for controlling pressure with higher current capacity. These switches are used widely in steam cleaners, steam irons, and other pressure control systems. It provides SPDT contact and Series A9 Pressure Switches utilize high-quality miniature snap-action switches. The switch is diaphragm operated, boasting a high temperature rating and compact size.

### SPECIFICATIONS

- **Service:** Non-hazardous gas, liquid or steam.
- **Wetted Materials:** Connection: Copper; Diaphragm: Silicone or SS (see model chart).
- **Temperature Limits:** See model chart.
- **Pressure Limit:** See model chart.
- **Repeatability:** ± 5%.

**Switch Type:** SPDT. 
**Electrical Ratings:** 21 A @ 125/250 VAC. 
**Electrical Connections:** 1/4˝ (6.35 mm) male quick connect. 
**Process Connection:** 1/8˝ male NPT. 
**Weight:** 2.6 oz (75 g). 
**Deadband:** See model chart.

### Model A9 Series

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psig (bar)</th>
<th>Deadband psig (bar)</th>
<th>Max Pressure psig (bar)</th>
<th>Temperature Limit</th>
<th>Diaphragm Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>A9-1</td>
<td>2.9-8.7 (0.2-0.6)</td>
<td>2.9 ± 1.5 (0.2 ± 0.1)</td>
<td>43.5 (3.0)</td>
<td>185°F (85°C)</td>
<td>Silicone</td>
</tr>
<tr>
<td>A9-2</td>
<td>7.3-17.4 (0.5-1.5)</td>
<td>2.9 ± 1.5 (0.2 ± 0.1)</td>
<td>58.0 (4.0)</td>
<td>257°F (125°C)</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>A9-3</td>
<td>14.5-36.3 (1-2.5)</td>
<td>2.9 ± 1.5 (0.2 ± 0.1)</td>
<td>72.5 (5.0)</td>
<td>257°F (125°C)</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>A9-4</td>
<td>21.8-58 (1.5-4.0)</td>
<td>3.6 ± 2.2 (0.25 ± 0.1)</td>
<td>87.0 (6.0)</td>
<td>257°F (125°C)</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>A9-5</td>
<td>28-87 (3-7.0)</td>
<td>5.1 ± 2.9 (0.35 ± 0.2)</td>
<td>116.0 (8.0)</td>
<td>257°F (125°C)</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>A9-6</td>
<td>58-130.5 (5-9.0)</td>
<td>8.7 ± 2.9 (0.6 ± 0.2)</td>
<td>145.0 (10.0)</td>
<td>257°F (125°C)</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

**Model**

- A9-1
- A9-2
- A9-3
- A9-4
- A9-5
- A9-6

**Range psig (bar)**

- 2.9-8.7 (0.2-0.6)
- 7.3-17.4 (0.5-1.5)
- 14.5-36.3 (1-2.5)
- 21.8-58 (1.5-4.0)
- 28-87 (3-7.0)
- 58-130.5 (5-9.0)

**Deadband psig (bar)**

- 2.9 ± 1.5 (0.2 ± 0.1)
- 2.9 ± 1.5 (0.2 ± 0.1)
- 2.9 ± 1.5 (0.2 ± 0.1)
- 3.6 ± 2.2 (0.25 ± 0.1)
- 5.1 ± 2.9 (0.35 ± 0.2)
- 8.7 ± 2.9 (0.6 ± 0.2)

**Max Pressure psig (bar)**

- 43.5 (3.0)
- 58.0 (4.0)
- 72.5 (5.0)
- 87.0 (6.0)
- 116.0 (8.0)
- 145.0 (10.0)

**Temperature Limit**

- 185°F (85°C)
- 257°F (125°C)
- 257°F (125°C)
- 257°F (125°C)
- 257°F (125°C)
- 257°F (125°C)

**Diaphragm Material**

- Silicone
- Stainless Steel
- Stainless Steel
- Stainless Steel
- Stainless Steel
- Stainless Steel

**Switch Type:** SPDT.

**Electrical Ratings:** 21 A @ 125/250 VAC.

**Electrical Connections:** 1/4˝ (6.35 mm) male quick connect.

**Weight:** 2.6 oz (75 g).

**Deadband:** See model chart.

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**Series A2 Subminiature Pressure Switch**

Designed for OEM applications, the Series A2 is economical and is equipped with high proof pressure capabilities for demanding applications. The A2 is available with either spade terminals or flying leads (submersible). Switches with spade terminals can be easily adjusted in the field.

### SPECIFICATIONS

- **Service:** Compatible liquids and gases.
- **Wetted Materials:** Polymide film and brass.
- **Temperature Limits:** -40 to 250°F (-40 to 121°C).
- **Pressure Limits:** 500 psi (34 bar).
- **Enclosure Rating:** IP68 (submersible models only).
- **Repeatability:** ±5% of highest set point.
- **Agency Approvals:** CE.

**Switch Type:** SPST, 100VA, 42V. 
**Electrical Connection:** 1/4˝ (6.3 mm) spade terminals or flying leads. 
**Process Connection:** 1/8˝ male NPT. 
**Weight:** 0.14 lb (0.06 kg). 
**Deadband:** 1-2 psi (0.07-0.14 bar).

### Model A2 Series

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psi (bar)</th>
<th>Electrical Connection</th>
<th>NO/NC</th>
<th>Model</th>
<th>Range psi (bar)</th>
<th>Electrical Connection</th>
<th>NO/NC</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2-2801</td>
<td>5-25 (0.4-1.7)</td>
<td>Spade Terminals</td>
<td>NO</td>
<td>A2-2801</td>
<td>20-60 (1.4-4.1)</td>
<td>Spade Terminals</td>
<td>NO</td>
</tr>
<tr>
<td>A2-28032*</td>
<td>5-25 (0.4-1.7)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
<td>A2-28032*</td>
<td>20-60 (1.4-4.1)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
</tr>
<tr>
<td>A2-2811</td>
<td>5-25 (0.4-1.7)</td>
<td>Spade Terminals</td>
<td>NO</td>
<td>A2-2811</td>
<td>20-60 (1.4-4.1)</td>
<td>Spade Terminals</td>
<td>NO</td>
</tr>
<tr>
<td>A2-28132*</td>
<td>5-25 (0.4-1.7)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
<td>A2-28132*</td>
<td>20-60 (1.4-4.1)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
</tr>
<tr>
<td>A2-4801</td>
<td>50-150 (3.5-10.3)</td>
<td>Spade Terminals</td>
<td>NO</td>
<td>A2-4801</td>
<td>50-150 (3.5-10.3)</td>
<td>Spade Terminals</td>
<td>NO</td>
</tr>
<tr>
<td>A2-48032*</td>
<td>50-150 (3.5-10.3)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
<td>A2-48032*</td>
<td>50-150 (3.5-10.3)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
</tr>
<tr>
<td>A2-4811</td>
<td>50-150 (3.5-10.3)</td>
<td>Spade Terminals</td>
<td>NO</td>
<td>A2-4811</td>
<td>50-150 (3.5-10.3)</td>
<td>Spade Terminals</td>
<td>NO</td>
</tr>
<tr>
<td>A2-48132*</td>
<td>50-150 (3.5-10.3)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
<td>A2-48132*</td>
<td>50-150 (3.5-10.3)</td>
<td>Flying Leads (Submersible)</td>
<td>NO</td>
</tr>
</tbody>
</table>

*S Submersible models are not field adjustable. Set point must be given at time of order.*