**Dwyer**

**SERIES A2**

**SUBMINIATURE PRESSURE SWITCH**

Field Adjustable

- Designed for OEM applications, the Series A2 Subminiature Pressure Switch 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.

**APPLICATIONS**

- OEM

**FEATURES/BENEFITS**

- High-proof pressure to meet application demands
- Easy adjustment reduces installation and service times

**SERIES MVS**

**MINIATURE VACUUM SWITCH**

SPDT N/O or N/C Switch, Adjustable Set Point, Ideal for OEM’s

- Compact, lightweight, and adjustable, the Series MVS Miniature Vacuum Switch is specially designed for OEM applications. This low cost switch has a minimum life expectancy of 10 million cycles and has an extremely fast response time. Typical applications for the MVS are HVAC, home appliance, dairy systems, medical, office equipment, and pump control.

**APPLICATIONS**

- OEM
- HVAC applications
- Medical equipment
- Dairy equipment
- Pump control

**SPECIFICATIONS**

- Service: Compatible liquids and gases.
- Wetted Materials: Polyamide film and brass.
- Temperature Limits: -40 to 230°F (-40 to 110°C).
- Pressure Limits: 350 psi (24 bar).
- Enclosure Rating: IP69 (flying lead models only).
- Repeatability: ±3% of highest set point at 70°F (21°C).
- Switch Type: SPST, 100 VA, 42 VDC.
- Electrical Connection: 1/4” (6.3 mm) spade terminals or flying leads.
- Process Connection: 1/8” male NPT, or 1/4” male NPT.
- Weight: 0.15 Ib (0.07 kg).
- Deadband: <10% of actuation point.
- Agency Approvals: CE.

USA: California Proposition 65

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psi (bar)</th>
<th>Electrical Connection</th>
<th>NO/NC</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2-5801</td>
<td>2 to 20 (0.14 to 1.4)</td>
<td>Spade terminals</td>
<td>NO</td>
<td>$26.00</td>
</tr>
<tr>
<td>A2-5803</td>
<td>2 to 20 (0.14 to 1.4)</td>
<td>Flying leads</td>
<td>NO</td>
<td>$26.00</td>
</tr>
<tr>
<td>A2-5811</td>
<td>2 to 20 (0.14 to 1.4)</td>
<td>Spade terminals</td>
<td>NC</td>
<td>$26.00</td>
</tr>
<tr>
<td>A2-5813</td>
<td>2 to 20 (0.14 to 1.4)</td>
<td>Flying leads</td>
<td>NC</td>
<td>$26.00</td>
</tr>
<tr>
<td>A2-6801</td>
<td>15 to 100 (1.03 to 6.9)</td>
<td>Spade terminals</td>
<td>NO</td>
<td>$26.00</td>
</tr>
<tr>
<td>A2-6803</td>
<td>15 to 100 (1.03 to 6.9)</td>
<td>Flying leads</td>
<td>NO</td>
<td>$26.00</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- Service: Air or compatible fluids.
- Temperature Limits: 40 to 150°F (4 to 66°C).
- Pressure Limits: Up to maximum range.
- Repeatability: ±20%.
- Switch Type: SPDT normally open or normally closed.
- Electrical Rating: Range 3 to 8 in w.c.: 3 A, 125/250 VAC; Range 9 to 80 in w.c.: 10 A, 125/250 VAC; Range 81 to 330 in w.c.: 15 A, 125/250 VAC.
- Contacts: Silver with brass terminals.
- Electrical Connections: Terminals 0.187” x 0.20” spade for use with quick disconnects.
- Process Connections: Models MVS 1 to MVS 3: Smooth port 0.25” diameter; Models MVS 4 to MVS 6: 1/8” male NPT.
- Mounting: Use #2 screws through eyelets.
- Weight: Less than 0.671 oz (19 g.)
- Agency Approvals: cULus.

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Set Point in H2O (mbar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVS-1</td>
<td>3 (8)</td>
</tr>
<tr>
<td>MVS-2</td>
<td>9 (21)</td>
</tr>
<tr>
<td>MVS-3</td>
<td>81 (200)</td>
</tr>
<tr>
<td>MVS-4*</td>
<td>8 (20)</td>
</tr>
<tr>
<td>MVS-5*</td>
<td>9 (21)</td>
</tr>
<tr>
<td>MVS-6*</td>
<td>81 (200)</td>
</tr>
</tbody>
</table>

*Models have 1/8” male NPT process connections*