**Miniature Vacuum Switch**

**Series MVS**

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.

**SPECIFICATIONS**

- **Service:** Air or compatible fluids.
- **Wetted Materials:**
  - Housing: polycarbonate
  - Diaphragm: polyurethane
- **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:**
  - MHS-1: 3A; MHS-2: 10A; MHS-3, -4, -5: 15A, 125/250 VAC.
  - Contacts: Silver with brass terminals.
  - 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 Approval:** UL

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**Miniature High Sensitivity Pressure Switch**

**Series MHS**

SPDT N/O or N/C Switch, Adjustable Set Points from 3 in. H2O to 60 PSI

- The Series MHS Miniature High Sensitivity Pressure Switch offers a wide range of field adjustable pressure set point options.
- The compact switch can be used with air or other compatible fluids.
- Ideal application is for turning pumps and compressors on and off when levels change.
- The switch is easy to install and easy to adjust, with a long mechanical life of over 10 million cycles.

**SPECIFICATIONS**

- **Service:** Air or compatible fluids.
- **Wetted Materials:**
  - Housing: polycarbonate
  - Diaphragm: polyurethane
- **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:**
  - MHS-1: 3A; MHS-2: 10A; MHS-3, -4, -5: 15A, 125/250 VAC.
  - Contacts: Silver with brass terminals.
  - Terminals 0.187˝ x 0.20˝ spade for use with quick disconnects.
- **Process Connections:** All models 1/8˝ NPT port.
- **Mounting:** Use #2 screws through eyelets.
- **Weight:** 0.71 oz (20 g.)
- **Agency Approval:** UL

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**Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Set Point in H2O (mbar)</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVS-1</td>
<td>3 (8)</td>
<td>8 (20)</td>
<td></td>
</tr>
<tr>
<td>MVS-2</td>
<td>9 (21)</td>
<td>80 (199)</td>
<td></td>
</tr>
<tr>
<td>MVS-3</td>
<td>81 (200)</td>
<td>330 (822)</td>
<td></td>
</tr>
<tr>
<td>MVS-4*</td>
<td>3 (8)</td>
<td>8 (20)</td>
<td></td>
</tr>
<tr>
<td>MVS-5*</td>
<td>9 (21)</td>
<td>80 (199)</td>
<td></td>
</tr>
<tr>
<td>MVS-6*</td>
<td>81 (200)</td>
<td>330 (822)</td>
<td></td>
</tr>
</tbody>
</table>

*Models have 1/8˝ male NPT process connections