**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.

**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:**
- MVS-1: 3A; MVS-2: 10A; MVS-3 to MVS-6*: 15A, 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 Approval:** UL

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**Series MHS**

Miniature High Sensitivity Pressure Switch

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 Series MHS models offer a variety of electrical ratings to suit application needs. 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.

**Electrical Connections:** 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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<table>
<thead>
<tr>
<th>Model</th>
<th>Set Point in H2O (mbar)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<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>3 (8)</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.