The Series MDS Pressure Switch is designed with a double diaphragm to protect false actuation due to shock and vibration. This low cost pressure switch has a minimum 20 million cycle life expectancy, and an extremely fast response time, making this an ideal device for OEM orders.

### Specifications
- **Switch Type:** SPST normally open.
- **Switching Media:** Air or compatible fluids on “high” side.
- **Pressure Limits:**
  - MDS-0: 0.5 in w.c. - 6.0 in w.c.
  - MDS-1: 1.0 in w.c. - 10.0 in w.c.
  - MDS-2: 1.5 in w.c. - 15.0 in w.c.
  - MDS-3: 2.0 in w.c. - 30.0 in w.c.
  - MDS-4: 3.0 in w.c. - 50.0 in w.c.
- **Current Rating:** Gold contact switch providing maximum 40 mA resistive load allowing for life in excess of 20 million cycles.
- **Temperature Limits:** 40 to 150°F (4 to 66°C).
- **Contacts:**
  - MDS-0: 0.25 mm gold inlay.
  - MDS-1: 0.5 mm gold inlay.
  - MDS-2: 2.0 mm gold inlay.
  - MDS-3: 4.98 mm gold inlay.
  - MDS-4: 14.93 mm gold inlay.
- **Electrical Connections:** Brass tab-type for use with quick disconnects.
- **Pressure Connections:** Two barbed ports for use with 1/8”-3/16” ID tubing.
- **Housing:** Polycarbonate.
- **Diaphragm Material:** Polyurethane.
- **Weight:** Less than 0.353 oz (10 g).
- **Agency Approval:** UL.

### Model Table

<table>
<thead>
<tr>
<th>Model</th>
<th>Set Point in w.c.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>MDS-0</td>
<td>0.5 in w.c.</td>
<td>MDS-6</td>
<td>6.0 in w.c.</td>
</tr>
<tr>
<td>MDS-1</td>
<td>1.0 in w.c.</td>
<td>MDS-8</td>
<td>10.0 in w.c.</td>
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<td>MDS-3</td>
<td>2.0 in w.c.</td>
<td>MDS-12</td>
<td>30.0 in w.c.</td>
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<tr>
<td>MDS-4</td>
<td>3.0 in w.c.</td>
<td>MDS-14</td>
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