The Series PDPS is a large diameter diaphragm and snap action switch that makes it dependable and ideal for OEM applications. The Series PDPS Pressure Switches are available for pressure, vacuum, and differential applications and are factory preset for pressures from 0.07” of w.c. to 1.0” of w.c. with full-scale repeatability of ±0.02” of w.c. Other features of the PDPS pressure switch include standard multi-barb port connections, inherent mounting and quick disconnect terminals, which make the Series PDPS perfect for many OEM applications.

### Specifications
- **Service:** Air and compatible gases.
- **Wetted Materials:** Polyphenylene oxide-styrene housing, fluorosilicone diaphragm, stainless steel spring.
- **Temperature Limits:** -40°F to 185°F (-40°C to 85°C).
- **Proof Pressure:** 1.0 psi (0.069 bar).
- **Burst Pressure:** 3.5 psi (0.241 bar).
- **Repeatability:** ±0.02” of w.c.
- **Switch Type:** SPDT.
- **Electrical Rating:** 5 A @ 125/250 VAC.

### Operating Ranges and Dead bands

<table>
<thead>
<tr>
<th>Pressure Range</th>
<th>Switch Direction</th>
<th>Footnote</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.07 to 0.14” w.c.</td>
<td>I - Activate on Increase</td>
<td>D - Activate on Decrease</td>
</tr>
<tr>
<td>0.14 to 0.32” w.c.</td>
<td>I - Activate on Increase</td>
<td>D - Activate on Decrease</td>
</tr>
<tr>
<td>0.32 to 0.64” w.c.</td>
<td>I - Activate on Increase</td>
<td>D - Activate on Decrease</td>
</tr>
<tr>
<td>0.64 to 1.0” w.c.</td>
<td>I - Activate on Increase</td>
<td>D - Activate on Decrease</td>
</tr>
</tbody>
</table>

Note: All purchases must be 50 units or more.

**Electrical Connections:** 5 A @ 125/250 VAC.

**Process Connections:** Multi-barb port connections for 1/4” and 3/8” OD tubing.

**Mounting Orientation:** Mount switch with diaphragm in a vertical position unless customer has specified otherwise.

**Set Point Adjustment:** Set point adjustable at factory.

**Agency Approvals:** UL, CSA, RoHS, UR.