The Series PDPS’s large diameter diaphragm and snap action switch make 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 multipin 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, florosilicon diaphragm, stainless steel spring.
- **Burst Pressure**: 3.5 psi (0.241 bar).
- **Proof Pressure**: 1.0 psi (0.069 bar).
- **Switch Type**: Conventional snap action switch.
- **Electrical Rating**: 5 A @ 125/250 VAC.
- **Process Connections**: Multi-barb port connections for 1/4” and 3/8” I.O.
- **Tubing**: Copper or brass tubing, 300 psi burst pressure.
- **Mounting Orientation**: Vertical or horizontal.

### Operating Ranges and Dead Bands

| Model | Operating Ranges, Range Type | Dead Band
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PDPS</td>
<td>1 - 0.07 to 0.14” w.c.</td>
<td>±0.02”</td>
</tr>
<tr>
<td></td>
<td>2 - 0.14 to 0.32” w.c.</td>
<td>±0.02”</td>
</tr>
<tr>
<td></td>
<td>3 - 0.32 to 0.64” w.c.</td>
<td>±0.02”</td>
</tr>
<tr>
<td></td>
<td>4 - 0.64 to 1.0” w.c.</td>
<td>±0.02”</td>
</tr>
</tbody>
</table>

### Applications

- High efficiency furnaces
- Duct pressure monitors
- Laboratory fume hoods
- Monitor air filter condition
- Engine diagnostic equipment

**Note**: All purchases must be of 50 units or more.