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 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 Limit:** -40°F to 185°F (-40°C to 85°C).
- **Operating Pressure:** 2 psig (13.79 kPa).
- **Accuracy:** ±0.02” of w.c.
- **Burst Pressure:** 3.5 psi (0.241 bar).
- **Proof Pressure:** 1.0 psi (0.069 bar).
- **Switch Type:** Conventional snap action switch.

### Applications
- Engine diagnostic equipment
- Monitor air filter condition
- Laboratory fume hoods
- Duct pressure monitor
- **Other Features:**
  - Large diameter diaphragm and snap action switch make it dependable
  - Dual size barbed pressure ports for 1/8” and 3/16” ID vinyl or rubber tubing.
  - Gold contact electrical connections and dual size barbed pressure ports for 1/8” and 3/16” ID vinyl or rubber tubing.

### Operating Ranges and Dead Band

<table>
<thead>
<tr>
<th>Model</th>
<th>Range, w.c. (mm w.c.)</th>
<th>At Minimum</th>
<th>At Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>1710-6</td>
<td>0.07 - 0.14 (1.77 - 3.57)</td>
<td>0.03 (2.55)</td>
<td>0.10 (2.55)</td>
</tr>
<tr>
<td>1710-8</td>
<td>0.14 - 0.32 (3.81 - 13.97)</td>
<td>0.03 (2.55)</td>
<td>0.10 (2.55)</td>
</tr>
</tbody>
</table>

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