GENERAL PURPOSE DIFFERENTIAL PRESSURE SWITCHES

PSW-150 Series

- 15 A SPDT
- Easy Adjustments
- Vibration-Resistant Setpoints

PSW-150 Series differential switches are ideally suited for laboratory and industrial applications in which a rugged, repeatable, and dependable switch is required. For ease of installation, ports are tagged high and low, and the setpoint adjusts over the entire range.

SPECIFICATIONS

Approval: UL listed
Repeatability: ±1% range
Ambient Switch Shift: 0.04% range/°C
Storage Temperature: -55 to 75°C (-67 to 167°F)
Ambient Switch Temp: -40 to 70°C (-40 to 158°F)
Process Temp: Brass and Phosphor Bronze: 120°C (248°F) 316 SS: 260°C (500°F)
Shock: Setpoint repeats after 15 g at 10 ms duration
Vibration: Setpoint repeats after 2.5 g at 5 to 500 Hz
Output: 1 SPDT, 15 A, 125/250/480 Vac

Enclosure: Cast aluminum, gray enamel finish
Electrical: 22 mm (¾”) Dia. conduit port, screw terminals
Pressure Port: ¼ FNPT
Weight: 0.9 kg (2 lb)

To Order

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>PRESSURE RANGE</th>
<th>DEADBAND</th>
<th>PROOF PRESSURE</th>
<th>STATIC PRESSURE</th>
<th>BELLOWS MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSW-151</td>
<td>0 to 6 psid</td>
<td>0.1 to 0.4</td>
<td>6 psi</td>
<td>30 inHg vac to 30 psi</td>
<td>Brass</td>
</tr>
<tr>
<td>PSW-152</td>
<td>0 to 25 psid</td>
<td>0.6 to 1.0</td>
<td>25 psi</td>
<td>30 inHg vac to 110 psi</td>
<td>Phosphor bronze</td>
</tr>
<tr>
<td>PSW-153</td>
<td>0 to 40 psid</td>
<td>0.3 to 0.7</td>
<td>40 psi</td>
<td>30 inHg vac to 180 psi</td>
<td>Brass</td>
</tr>
<tr>
<td>PSW-154</td>
<td>0 to 70 psid</td>
<td>2.0 to 4.0</td>
<td>70 psi</td>
<td>30 inHg vac to 350 psi</td>
<td>316 SS</td>
</tr>
<tr>
<td>PSW-155</td>
<td>10 to 90 psid</td>
<td>2.0 to 4.0</td>
<td>90 psi</td>
<td>30 inHg vac to 200 psi</td>
<td>Phosphor bronze</td>
</tr>
</tbody>
</table>

Comes complete with operator’s manual.
Ordering Example: PSW-155, phosphor bronze bellows with range of 10 to 90 psid.