ECONOMICAL DIFFERENTIAL PRESSURE SWITCH

7 to 250 psi
0.25 A SPDT Switch

PSW845 Series

The PSW845 is a rugged differential pressure switch, with excellent bypass characteristics. It is able to handle a variety of media to 6000 psig. The PSW845 can be mounted in any orientation, and is capable of withstanding light to moderate mechanical shock and vibratory loads.

SPECIFICATIONS
Switch: SPDT, rated 0.25 A @ 120 Vac/175 Vdc
Pressure Ratings:
Vacuum: to 6000 psig
Differential Pressure: to 2000 psid
Proof: 9000 psig
Wetted Parts: Steel spring, anodized aluminum piston, body and fitting, Buna seal, Loctite #271 sealing compound
Fitting: 1/4-18 NPT female
Electrical Connection: 300 mm (12") pigtail leads, 24 AWG
Ambient Temperature: -54 to 107°C (-65 to 225°F); setpoint change of up to 2% of sensor capacity may be anticipated when switch is used below -23°C or above 52°C
Cycling: Not to exceed 20 cycles/min
Dimensions: 102 L x 38.1 H x 31.8 mm D (4 x 1.5 x 1.25")
Weight: Approx 241 g (8.5 oz)

To Order

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<th>MODEL NO.</th>
<th>ADJUSTABLE RANGE (psid)</th>
<th>REPEATABILITY</th>
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<td>2 to 7</td>
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<td>PSW845-2</td>
<td>5 to 16</td>
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<td>PSW845-3</td>
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<td>PSW845-4</td>
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Comes complete with operator’s manual.
Ordering Example: PSW845-3, differential pressure switch with 25 to 45 psi range.