

ECONOMICAL DIFFERENTIAL PRESSURE SWITCH

7 to 250 psi
0.25 A SPDT Switch

PSW845 Series



PSW845-1 shown actual size.

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

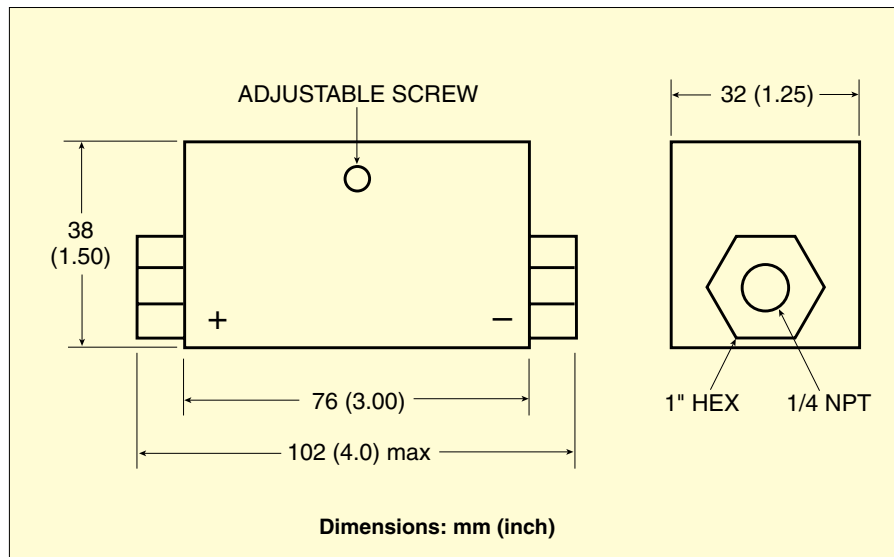
Ambient Temperature: -54 to 107°C (-65 to 225°F); setpoint change of up to 2% of sensor capacity may be anticipated when switch is used below -23°C or above 52°C

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

MODEL NO.	ADJUSTABLE RANGE (psid)		REPEATABILITY
	DECREASING	INCREASING	
PSW845-1	2 to 7	7 to 13	±2 psi
PSW845-2	5 to 16	13 to 25	±4 psi
PSW845-3	10 to 21	25 to 45	±8 psi
PSW845-4	20 to 80	35 to 160	±16 psi
PSW845-5	35 to 120	120 to 250	±32 psi

Comes complete with operator's manual.

Ordering Example: PSW845-3, differential pressure switch with 25 to 45 psi range.