

ECONOMICAL PRESSURE AND VACUUM SWITCHES

Vacuum to 500 psi

PSW-620/PSW-630 Series



- ✓ **External Pressure Scale and Pointer for Easy Setpoint Adjustment**
- ✓ **Silver Switch Contacts Rated for 5 A @ 250 Vac or 3 A @ 28 Vdc**
- ✓ **1 A Gold-Plated Contacts for TTL or Dry Contacts**

PSW-631



PSW-633

Field Adjustable

Knurled locking ring.

Sliding Gage pointer.

Both models shown actual size.

See switch accessories online for audible alarms and relay modules.

SPECIFICATIONS

Process Temp: -55 to 105°C (-65 to 221°F); 2% setpoint shift can occur below -23°C (-10°F) or above 52°C (125°F)

Repeatability: ±2% of maximum system pressure

Cycling: Not to exceed 20 cycles/minimum

Warranty: 3 year/1 million cycles

Proof Pressure: 150% maximum pressure

Wetted Parts: 17-7 PH stainless steel, loctite sealing compound #271, ZA8 chromate finish

Enclosure: Zinc alloy, chromate finish

Dimensions: 48 L x 28 mm Dia. (1.9 x 1.1")

Pressure Port: 1/8-27 MNPT

Electrical Connection: 300 mm (12") pigtail leads, 20 AWG, polyvinyl insulated

Wiring Code (Pressure):

Red = N/C

White = N/O

Black = Common

Wiring Code (Vacuum):

Red = N/O

White = N/C

Black = Common

Weight: Approx. 57 g (2 oz)

To Order

MODEL NO.	ADJUSTABLE RANGE DECREASING INCREASING*		DEADBAND	MAX PRES*	SWITCH
Gage Pressure Switches (Units = psi)					
PSW-621	0.8 to 28.5	1.6 to 30	0.8 to 1.3	30	1 A
PSW-622	2.0 to 38.3	3.0 to 40	1.0 to 1.7	50	1 A
PSW-623	3.0 to 96.5	4.5 to 100	1.5 to 3.5	100	1 A
PSW-624	7.5 to 242.5	9.7 to 250	2.2 to 9.0	250	1 A
PSW-625	15 to 485	20 to 500	5.0 to 21	500	1 A
PSW-631	0.8 to 28.5	1.6 to 30	0.8 to 1.3	30	5 A
PSW-632	2.0 to 38.3	3.0 to 40	1.0 to 1.7	50	5 A
PSW-633	3.0 to 96.5	4.5 to 100	1.5 to 3.5	100	5 A
PSW-634	7.5 to 242.5	9.7 to 250	2.2 to 9.0	250	5 A
PSW-635	15 to 485	20 to 500	5.0 to 21	500	5 A
Vacuum Switches (Units = inHg Vacuum)					
PSW-626	1.6 to 27.0	2.7 to 28.2	1.3 to 2.7	28.2 inHg vacuum or 0 psig*	1 A
PSW-627	4.0 to 24.8	5.1 to 28.2	1.5 to 3.2		1 A
PSW-628	6.0 to 21.5	8.4 to 28.2	2.0 to 7.3		1 A
PSW-636	1.6 to 27.0	2.7 to 28.2	1.3 to 2.7		5 A
PSW-637	4.0 to 24.8	5.1 to 28.2	1.5 to 3.2		5 A
PSW-638	6.0 to 21.5	8.4 to 28.2	2.0 to 7.3		5 A

* Exceeding these values may cause a shift in the setpoint.
Comes complete with operator's manual.

Ordering Example: PSW-635, switch for maximum system pressure of 500 psig with 5 A switch contact.