

# ECONOMICAL PRESSURE AND VACUUM SWITCHES

## PSW-620/PSW-630 Series Vacuum to 500 psi

Starts at  
£ **44**



PSW-635, £44, shown larger than actual size.

- ✓ 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

### 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 max system pressure

**Cycling:** Not to exceed 20 cycles/min

**Warranty:** 3 year/1 million cycles

**Proof Pressure:** 150% max 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)

**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

MODEL NO.	PRICE	ADJUSTABLE RANGE		DEADBAND	MAX PRES*	SWITCH
		DECREASING	INCREASING			
<b>Gage Pressure Switches (Units = psi)</b>						
PSW-621	£47	0.8 to 28.5	1.6 to 30	0.8 to 1.3	30	1 A
PSW-622	47	2.0 to 38.3	3.0 to 40	1.0 to 1.7	50	1 A
PSW-623	47	3.0 to 96.5	4.5 to 100	1.5 to 3.5	100	1 A
PSW-624	47	7.5 to 242.5	9.7 to 250	2.2 to 9.0	250	1 A
PSW-625	47	15 to 485	20 to 500	5.0 to 21	500	1 A
PSW-631	44	0.8 to 28.5	1.6 to 30	0.8 to 1.3	30	5 A
PSW-623	44	2.0 to 38.3	3.0 to 40	1.0 to 1.7	50	5 A
PSW-633	44	3.0 to 96.5	4.5 to 100	1.5 to 3.5	100	5 A
PSW-634	44	7.5 to 242.5	9.7 to 250	2.2 to 9.0	250	5 A
PSW-635	44	15 to 485	20 to 500	5.0 to 21	500	5 A
<b>Vacuum Switches (Units = inHg Vacuum)</b>						
PSW-626	£47	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	47	4.0 to 24.8	5.1 to 28.2	1.5 to 3.2		1 A
PSW-628	47	6.0 to 21.5	8.4 to 28.2	2.0 to 7.3		1 A
PSW-636	44	1.6 to 27.0	2.7 to 28.2	1.3 to 2.7		5 A
PSW-637	44	4.0 to 24.8	5.1 to 28.2	1.5 to 3.2		5 A
PSW-638	44	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 with complete operator's manual.

**Ordering Example:** PSW-635, switch for maximum system pressure of 500 psig with 5 A switch contact, £44.

### ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
PE-1011	£74	Reference Book: Instrumentation for Engineering Measurements





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