

# ECONOMICAL OEM PRESSURE SWITCHES

Vacuum to 500 psi

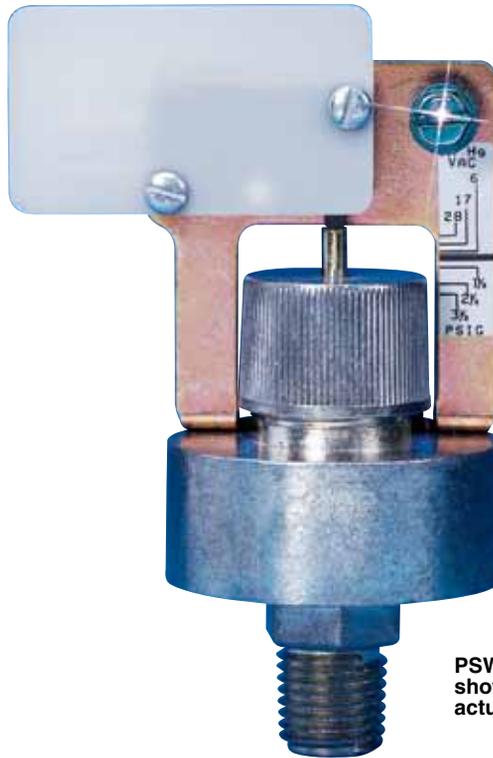
See switch accessories online for audible alarms and relay modules.

PRESSURE SWITCHES  
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## PSW-580 Series



- ✓ External Scale for Easy Setpoint Adjustments
- ✓ UL-Rated Heavy-Duty 15 A SPDT Switch



PSW-581, shown close to actual size.

### SPECIFICATIONS

**Switch:** 15 A SPDT silver contacts

**Approval:** UL

**Process Temp:** -35 to 85°C (-31 to 185°F); 2% setpoint shift can occur below -23°C (-10°F) or above 52°C (125°F)

**Proof Pressure:** 600 psig

**Cycling:** Not to exceed 60 cycles/minimum

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

**Sensor:** Aluminum diaphragm

**Wetted Parts:** Buna-N, aluminum, zinc alloy chromate finish and loctite sealing compound #271

**Enclosure:** Switch actuator and bracket steel: irridite finish; adjusting cap and body: zinc alloy chromate finish; switch shield: Mylar®

**Pressure Port:** ¼ MNPT

**Electrical Connection:** Screw terminals

**Size:** 92 H x 60 W x 41 mm Dia. (3<sup>5</sup>/<sub>8</sub> x 2<sup>3</sup>/<sub>8</sub> x 1<sup>5</sup>/<sub>8</sub>" )

**Weight:** 210 g (7.4 oz)

**Caution:** Pressure switches are manufactured to the highest-quality specifications. However, because of their economical construction, they should be used only for applications in which, in the event of product failure, the risk of damage to equipment or personnel is minimal.

### To Order

MODEL NO.	ADJUSTABLE RANGE	DEADBAND	REPEATABILITY	PROOF PRESSURE
PSW-581	6 to 28 inHg Vac 1.5 to 3.5 psig	3 to 14 inHg 0.5 to 1.7 psig	±1.2 inHg ±0.15 psig	29.9 inHg Vac 600 psig
PSW-582	3 to 40 psig	2 to 5 psig	±1.0 psig	600 psig
PSW-583	30 to 150 psig	5 to 30 psig	±5.0 psig	600 psig
PSW-584	100 to 500 psig	30 to 120 psig	±20 psig	600 psig

Comes complete with operator's manual.

**Ordering Examples:** PSW-582, economical OEM pressure switch with adjustable range of 3 to 40 psig and 600 psig proof pressure.

PSW-584, economical OEM pressure switch with adjustable range of 100 to 500 psig and 600 psig proof pressure.