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ECONOMICAL INDUSTRIAL PRESSURE SWITCHES

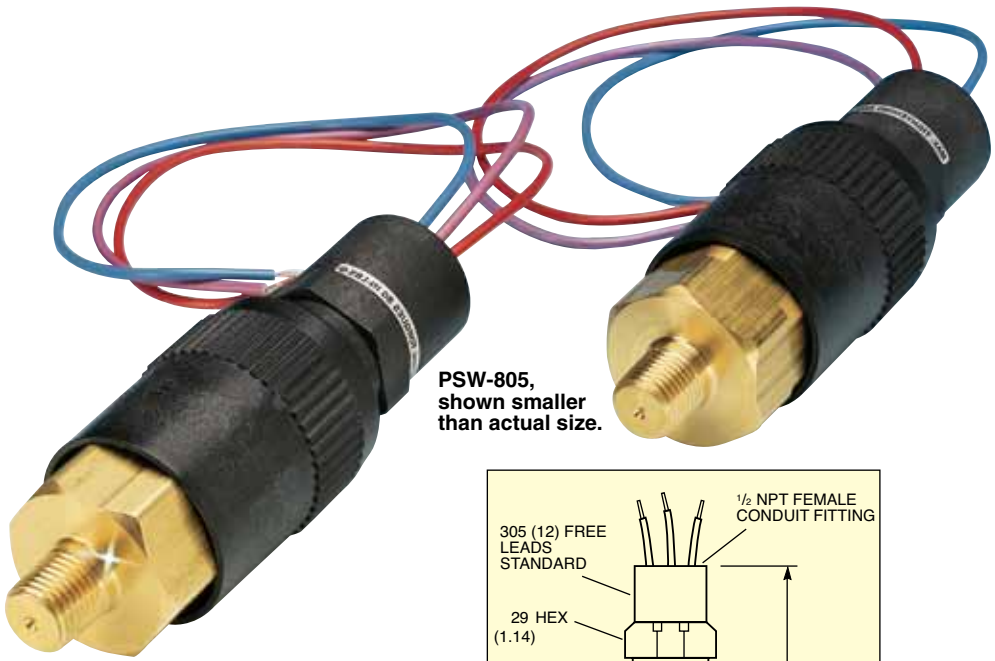
Vacuum to 7500 psi

PSW-800 Series

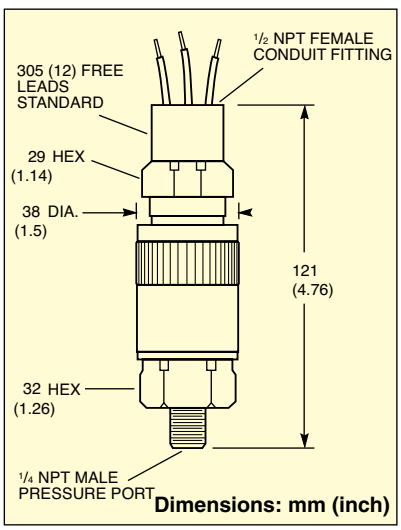
1 YEAR WARRANTY

- **Easy Adjustment with Locking Set Screw**
- **Rugged Industrial Design**
- **Standard ½" Female Conduit Fitting for Electrical Termination**

The PSW-800 Series comprises economical pressure switches that feature an easy-to-adjust setpoint with locking set screw. They have a sealed-piston or diaphragm-piston design, ideal for harsh environments. All models come with 300 mm (12") color-coded leads and a ½" female conduit fitting for electrical connections.



PSW-805, shown smaller than actual size.



Dimensions: mm (inch)

WIRE CODE	PRESSURE	VACUUM
Lead	Color	Color
Normally closed	Blue	Red
Common	Purple	Purple
Normally open	Red	Blue

SPECIFICATIONS

Setpoint Repeatability:
Diaphragm Models (PSW-801 to PSW-807): ±1% of span
Piston Models (PSW-808 to PSW-811): ±1.5% of span

Hysteresis/Deadband: See "To Order" table at right

Contact Rating: 5 A maximum @ 125/250 Vac, silver serrated contacts 3 A max @ 28 Vdc

Temp Range: -20 to 75°C (-4 to 167°F) (vacuum range); -30 to 75°C (-22 to 167°F) (500 psi and below); -40 to 75°C (-40 to 167° F) (600 psi and above)

Thermal Effects: <1% for 25°C (45°F) change

Proof Pressure: See "To Order" table

Burst Pressure: 2x proof pressure

Sensor Type:
PSW-801 to PSW-807: Diaphragm piston
PSW-808 to PSW-811: Sealed piston

Wetted Parts:
500 psi and Below: Brass, Buna-N
600 psi and Above: Brass, Buna-N and stainless steel

Pressure Port: ¼ MNPT

Electrical Connection: 300 mm (12") free leads with ½" female conduit fitting

Housing: Open-type plastic housing

Weight: 0.4 kg (0.95 lb)

To Order

MODEL NUMBER	PRESSURE SETTING RANGE				DEADBAND RANGE	PROOF PRESSURE
	DECREASING		INCREASING			
	MIN	MAX	MIN	MAX		
VACUUM MODEL (inHg)						
PSW-801	1	28	4	30	1 to 4	30 psi
GAGE PRESSURE MODELS (psig)						
PSW-802	2.5	12.8	3	15	0.5 to 2.2	1000 psi
PSW-803	5	31	6	35	1.0 to 4.0	1000 psi
PSW-804	8.5	44	10	50	1.5 to 6.0	1000 psi
PSW-805	22.5	112	25	125	2.5 to 13	1000 psi
PSW-806	70.0	220	50	250	10 to 30	1000 psi
PSW-807	110	440	130	500	20 to 60	1000 psi
PSW-808	190	450	250	600	60 to 150	7000 psi
PSW-809	360	1450	430	1700	70 to 250	7000 psi
PSW-810	1450	3900	1650	4400	200 to 500	7000 psi
PSW-811	3650	6700	4000	7500	350 to 800	12,000 psi

Comes complete with operator's manual.

***Ordering Example: PSW-804,** 10 to 50 psi pressure switch with 1.5 to 6.0 psi deadband range and 1000 psi proof pressure.*

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