

ECONOMICAL BRASS PRESSURE SWITCHES



PSW-190 Series Starts at \$150



See switch accessory at **instrutech** for audible alarms and relay modules.

Technical Books Available Online!



PSW-196, \$160, shown larger than actual size.

The PSW-190 Series cylindrical pressure switch has an epoxy-sealed electrical termination. This rugged design enables the switch to withstand harsh environments.

SPECIFICATIONS

Switch: SPDT, 5 A at 250 Vac or 30 Vdc gold-clad silver contacts for loads down to 5 mA at 6 Vdc, 2 mA at 12 Vdc and 1 mA at 24 Vdc

Operating Ambient Range: -20 to 75°C (-4 to 167°F) with Buna-N construction; -20 to 80°C (-4 to 176°F) with FKM or EPDM construction

Media Temp: 70°C (158°F) with Buna-N sensor; 120°C (248°F) with FKM sensor

Wetted Parts: Brass, O-ring and diaphragm

Repeatability:
PSW-191, 192, 195 and 196: ±1%
PSW-193, 194, 197 and 198: ±1.5%

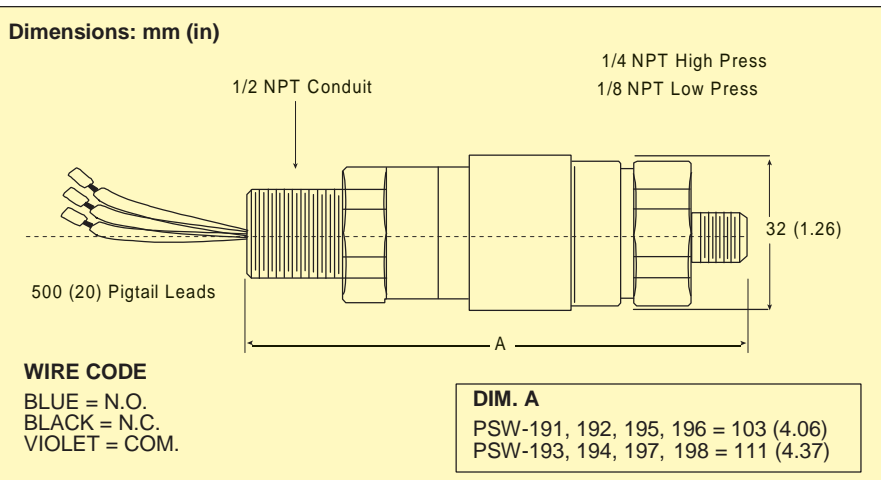
Shock: Setpoint repeats after 50 g 10 ms duration

Vibration: Setpoint repeats after 10 g, 5 to 500 cps

Enclosure and Cover: Aluminum with irridite finish rated for 100 hr salt spray; potted and gasketed for outdoor use

Pressure Connection:

PSW-191, 192, 195 and 196: 1/8 NPT
PSW-193, 194, 197 and 198: 1/4 NPT
Weight: 128 g (4.5 oz)



To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	ADJUSTABLE RANGE	TYPICAL DEADBAND	MAX SYS PRESSURE	PROOF PRESSURE
Models with Buna-N O-Ring and Diaphragm					
PSW-191	\$150	10 to 150 psi	2 to 10	1500	3000
PSW-192	150	30 to 600 psi	8 to 60	2500	3000
PSW-193	150	100 to 1500 psi	20 to 220	8000	10,000
PSW-194	150	180 to 3000 psi	50 to 400	8000	10,000
Models with FKM O-Ring and Diaphragm					
PSW-195	\$160	11 to 150 psi	2.5 to 11.5	1500	3000
PSW-196	160	33 to 600 psi	9.5 to 69	2500	3000
PSW-197	160	110 to 1500 psi	23 to 253	8000	10,000
PSW-198	160	198 to 3000 psi	57.5 to 460	8000	10,000

Comes with complete operator's manual.

Ordering Example: PSW-192, cylindrical pressure switch with a Buna-N O-ring and diaphragm and an adjustable range of 30 to 600 psi, \$150.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
CM-4365	\$160	Reference Book: Actuator Saturation Control