

GENERAL PURPOSE DIFFERENTIAL PRESSURE SWITCHES

6 to 90 psid Ranges

PSW-150 Series



See switch accessories online for audible alarms and relay modules.

- ✓ 15 A SPDT
- ✓ Easy Adjustments
- ✓ Vibration-Resistant Setpoints

PSW-150 Series differential switches are ideally suited for laboratory and industrial applications in which a rugged, repeatable, and dependable switch is required. For ease of installation, ports are tagged high and low, and the setpoint adjusts over the entire range.

SPECIFICATIONS

Approval: UL listed

Repeatability: $\pm 1\%$ range

Ambient Switch Shift: 0.04% range/ $^{\circ}\text{C}$

Storage Temperature: -55 to 75°C (-67 to 167°F)

Ambient Switch Temp: -40 to 70°C (-40 to 158°F)

Process Temp:

Brass and Phosphor Bronze: 120°C (248°F)

316 SS: 260°C (500°F)

Shock: Setpoint repeats after 15 g at 10 ms duration

Vibration: Setpoint repeats after 2.5 g at 5 to 500 Hz

Output: 1 SPDT, 15 A, 125/250/480 Vac

Enclosure: Cast aluminum, gray enamel finish

Electrical: 22 mm ($\frac{7}{8}$ ") Dia. conduit port, screw terminals

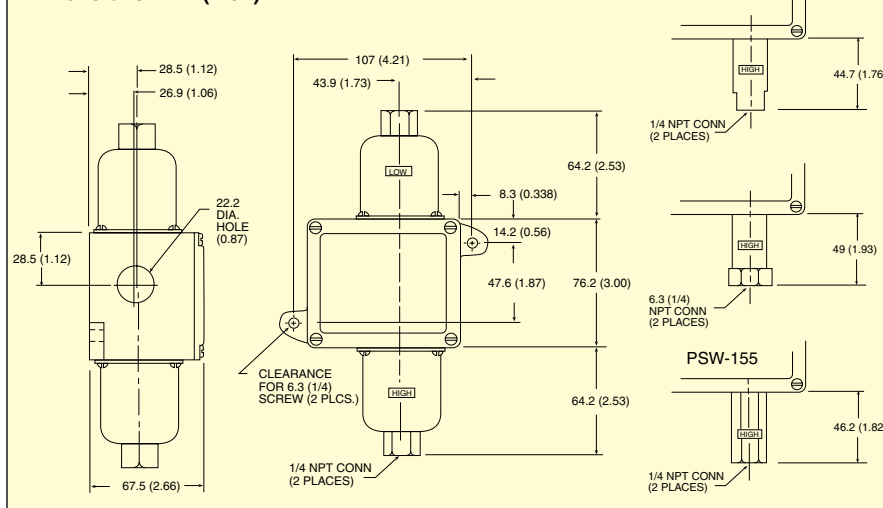
Pressure Port: $\frac{1}{4}$ FNPT

Weight: 0.9 kg (2 lb)



PSW-154, shown smaller than actual size.

Dimensions: mm (inch)



To Order

MODEL NO.	PRESSURE RANGE	DEADBAND	PROOF PRESSURE	STATIC PRESSURE	BELLOWS MATERIAL
PSW-151	0 to 6 psid	0.1 to 0.4	6 psi	30 inHg vac to 30 psi	Brass
PSW-152	0 to 25 psid	0.6 to 1.0	25 psi	30 inHg vac to 110 psi	Phosphor bronze
PSW-153	0 to 40 psid	0.3 to 0.7	40 psi	30 inHg vac to 180 psi	Brass
PSW-154	0 to 70 psid	2.0 to 4.0	70 psi	30 inHg vac to 350 psi	316 SS
PSW-155	10 to 90 psid	2.0 to 4.0	90 psi	30 inHg vac to 200 psi	Phosphor bronze

Comes complete with operator's manual.

Ordering Example: PSW-155, phosphor bronze bellows with range of 10 to 90 psid.