

PS61 – OEM Subminiature Pressure Switch

- ▶ 15 to 800 psi (1 to 55.2 bar)
- ▶ Exceptional Size-to-Pressure-Range Ratio
- ▶ Adjustable or Factory Set
- ▶ Perfect for Demanding OHV Applications

These compact pressure switches are designed for OEM applications. They are equipped with high proof pressure capabilities for demanding hydraulic applications such as forklifts, scissor lifts, and off road equipment.

Specifications

Switch*	100 VA Max.
Repeatability	See Table 1
Wetted Parts	
Diaphragm	Nitrile, (optional Low Temperature Nitrile (LTN), EPDM or Viton®)
Fitting	Zinc-Plated Steel (optional 316 Stainless Steel)
Electrical Termination	Exposed Terminals IP00; IP option IP66
Deadband	See Table 1
Proof Pressure	6000 psi (414 bar)
Burst Pressure	9000 psi (621 bar)
Approvals	CE (limits switch voltage to 42 VDC)
Weight, Approximate	Steel: 0.14 lbs. (0.06 kg)

* Gold contacts (option G) may be required for less than 12 VDC and 20 mA.

Recommended Operating Temperature Limits

Diaphragm Material	Range
Nitrile	15°F to 230°F (-9°C to +110°C)
Viton®	0°F to 230°F (-18°C to +110°C)
EPDM	-10°F to +230°F (-23°C to +110°C)
LTN	-40°F to +230°F (-40°C to +110°C)

Note:

- Switches may function below the cold temperature limit but the set points and deadband will increase. Consult factory for details.
- Performance dependant on set point and media viscosity.



Dimensions

1/4" Spades

Flying Leads with IP Option

