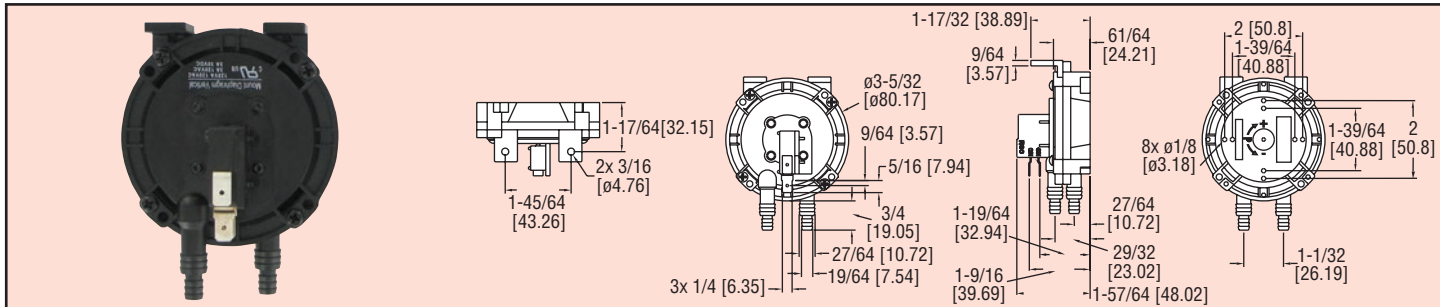




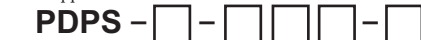
Series  
PDPS

# Compact Economic Differential Pressure Switch

Low Pressures down to 0.07 in w.c.



The Series PDPS's large diameter diaphragm and snap action switch make it dependable and ideal for OEM applications. The Series PDPS Pressure Switches are available for pressure, vacuum, and differential applications and are factory preset for pressures from 0.07 in of w.c. to 1.0 in of w.c. with full-scale repeatability of  $\pm 0.02$  in of w.c. Other features of the PDPS pressure switch include standard multi-barb port connections, inherent mounting and quick disconnect terminals, which make the Series PDPS perfect for many OEM applications.



Model

Pressure Range

- 1 - 0.07 to 0.14 in w.c.
- 2 - 0.14 to 0.32 in w.c.
- 3 - 0.32 to 0.64 in w.c.
- 4 - 0.64 to 1.0 in w.c.

Switch Direction

- I - Activate on Increase
- D - Activate on Decrease

Factory Preset Set Point

Example: 007 for 0.07 in w.c.  
or 100 for 1in w.c.

## SPECIFICATIONS

**Service:** Air and compatible gases.

**Wetted Materials:** Polyphenylene oxide-styrene housing, fluorosilicone diaphragm, stainless steel spring.

**Temperature Limits:** -40 to 185°F (-40 to 85°C).

**Operating Pressure:** 0.07 in w.c. to 1.0 in w.c.

**Repeatability:**  $\pm 0.02$  in of w.c.

**Burst Pressure:** 3.5 psi (0.241 bar).

**Proof Pressure:** 1.0 psi (0.069 bar).

**Switch Type:** Conventional snap action switch.

**Electrical Rating:** 5 A @ 125/250 VAC.

**Process Connections:** Multi-barb port connections for 1/4" and 3/8" ID tubing.

**Mounting Orientation:** Mount switch with diaphragm in a vertical position unless customer has specified otherwise.

**Set Point Adjustment:** Set point adjusted at factory.

**Weight:** 2.7 oz (76.5 g).

**Note:** All purchases must be of 25 units or more.