

DIGITAL LCD PRESSURE SWITCH

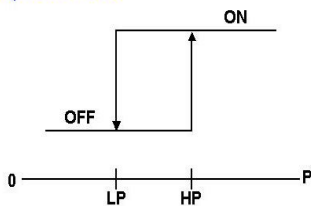
DPS series

FEATURES

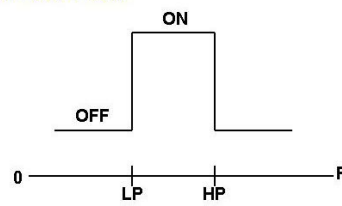
- ◆ Accuracy better than $\pm 1\%$ F.S.
- ◆ Bottom, rear and panel installation available
- ◆ User can re-calibrated the gauge
- ◆ Four units selectable
- ◆ Dual-polarity value display (only available for range above 100psi)
- ◆ Relay output interface (NO / COM / NC)
- ◆ Separate and Window switch mode alternativ



Separate mode



Window mode



Wiring	
Black	Normally Open
White	Normally Close
Green	Common

SPECIFICATIONS

Display	4 digits LCD display, size 46 x 15 mm
Units selectable	Pressure gauge — psi, bar, kg/cm ² , kPa Vacuum gauge — mbar, mmHg, inHg, kPa
Proof pressure	200% F.S. (vac ~ 300 psi) ; 150% F.S. (1000 ~ 5000 psi)
Accuracy	$\pm 0.3\%$ F.S. ± 1 digit @ 25°C, thermal error max. $\pm 1\%$ F.S.
Measured media	Brass connection type — extremely clean & non-corrosive gases only Diaphragm type — all kinds of media according to diaphragm material
Case	Dia. Ø67mm, plastic material Panel installation type — flange dia. Ø80mm, screw dia. Ø3.6mm
Connection	Brass connection type — 1/4"PT or NPT male thread, electroplate Diaphragm type — 1/4"PT or NPT male thread, SS304
Supply voltage	external DC 12V or DC 24V or AC 110V or AC 220V (option)
Switch capacity	AC110V, 60 Hz, 1A max. contact impedance 0.1Ω, current consumption 100 mA max.
Switch contact	When the contact close, LED on the plate will lighten
Zero offset	Display can be zeroed when it is not zero offset due to temperature effect
Temperature	Operation 0 ~ 45 °C / 32 ~ 115 °F ; Storage -10 ~ 75 °C / 15 ~ 165 °F

HOW TO ORDER

