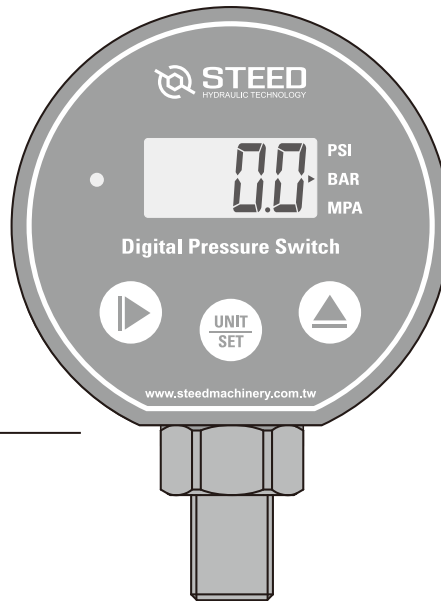


DIGITAL PRESSURE SWITCH OPERATION INSTRUCTION



Model Name : DPS series

THE UNIT/SET BUTTON :

The UNIT/SET button is used to display the pressure reading; switch between pressure units (PSI, Bar, and MPA) and to power down the unit.

TO POWER ON THE UNIT :

There is no ON/OFF button on DPS series. The DPS unit is powered on and off via the external 12V supply voltage source. When the external supply voltage is between 8-30 VDC, the LCD will be lightened and continuously display the pressure measurements.

TO DISPLAY THE PRESSURE READING IN A DIFFERENT PRESSURE UNIT :

Press the UNIT/SET button until the arrow in the LCD points to the pressure units desired.

TO CHECK THE VALUE OF THE LOW PRESSURE SETTING :

Press and release the ▶ button, the low pressure set point will be displayed for 30 seconds.

TO CHECK THE VALUE OF THE HIGH PRESSURE SETTING :

Press and release the ▲ button, the high pressure set point will be displayed for 30 seconds.

TO SEE THE MAXIMUM PEAK PRESSURE THE UNIT HAS MEASURED :

Press and hold down the ▶ button for 3 seconds. The maximum peak pressure value will be displayed and will blink on the screen.

TO RESET THE MAXIMUM PEAK PRESSURE :

Press and hold down the ▲ button for 3 seconds, and the peak hold value will reset.

TO RETURN TO THE CURRENT PRESSURE READING :

Press and hold the ▶ button for 3 seconds and the pressure switch will be back to the measurement mode, the current pressure measurement will be displayed and will not blink.

TO REFERENCE YOUR DPS DIGITAL PRESSURES SWITCH TO THE INPUT PORT :

Press and hold down the ► button and the ▲ button at the same time for 3 seconds. For example, if you have 20 PSI on the display and then you press and hold down the ► button and the ▲ simultaneously for 3 seconds, the display will show 0.0 PSI. A measurement of 30 PSI would then read as 10 PSI on the display.

THE REST THE DPS DIGITAL PRESSURES SWITCH :

Make sure the input port is either disconnected or connected to a 0 PSI input. Press and hold down the ► button and the ▲ button at the same time for 3 seconds.

TO SET THE HIGH OR LOW PRESSURE SET POINT :

Press and hold down the UNIT/SET button for 3 seconds. DPS series will go into the pressure setting mode.

1. The screen shows ▲ button on the top, left hand side indicating high pressure setting, and the first digit will be flashing.
2. Set the digital value by pressing the ▲ button (select from 0 to 9). Then press the ► button, which shifts to the second digit. Again use the ▲ button to select 0 thru 9 followed by the ► button to complete the third and fourth digits.
3. After all 4 digits of the high pressure setting are done press the ► button one more time, the screen will show ▼ on the top, left hand side indicating low pressure setting. Repeat step 1 and 2 above to set the 4 digits of the low pressure settings.
4. After all 4 digits of the low pressure settings are done press the ► button one more time, the screen will show "Load", indicating your pressure setting have been saved into memory.
5. To make sure that the setting are correct, you can press the ► button to check the value of the low pressure setting and press the ▲ button to check the value of the high pressure setting.