





















**ISO 9001
REGISTERED****1.0 PUSH-BUTTON DEFINITION**

-  : Low Pressure Set Point / Display Peak Hold
UNIT/SET : Set Different Pressure Unit / Pressure Setting Mode
 : High Pressure Set Point / Reset Peak Hold


**2.0 OPERATION METHOD**

- Press and hold down the **UNIT/SET** button for 3 seconds. The DPG3000T will go into the pressure setting mode to set the high or low pressure set points.
- Press and release the  button to check the value of the low pressure setting, and the low pressure set point will be displayed for 3 seconds.
- Press and release the  button to check the value of the high pressure setting, and the high pressure set point will be displayed for 3 seconds.
- Press and release the  button and the  button at the same time for 3 seconds, the LCD will display "8888" and then reset zero. This is in order to make sure the input port is either disconnected or connected to a "0" psi input.
(NOTE.: Do Not operate the step when the DPG3000T in the airtight pipeline which has pressure. And please reset zero under the atmospheric pressure.)
- To set the high or low pressure set points:
 - Press and hold down the **UNIT/SET** button for 3 seconds, the screen shows  on the top, left hand side indicating high pressure setting, and the first digit will be flashing.
 - Set the first digit value by press the  button (select from 0 to 9).
 - Then pressure 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.
 - After all 4 digits of the high pressure setting are down press the  button one more time, the screen will show  on the top, left hand side indicating low pressure setting. Repeat steps (b) and (c) above to set the 4 digits of the low pressure settings.
 - After all 4 digits of the low pressure setting are down press the  button one more time, the screen will show "LOAD", indicating your pressure settings have been saved into memory.
 - To make sure that the settings 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.
- Display and reset peak hold:
 - 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 down the  button for 3 seconds and the gauge will be back to the measurement mode, the current pressure measurement will be displayed and will not blink.

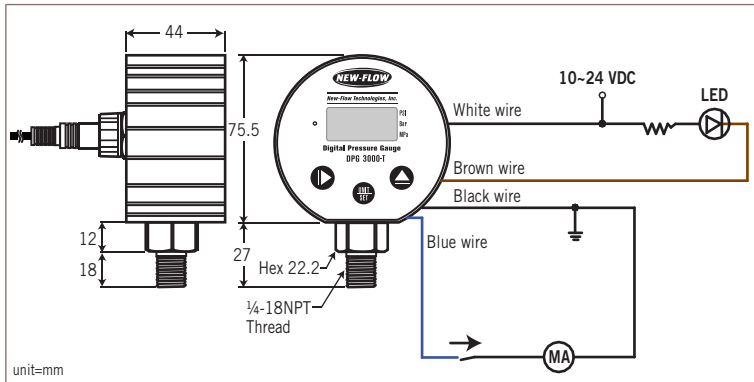
3.0 ELECTRICAL INTERFACE

White Wire: Power Lead for supply input (10~24 VDC)

Black Wire: Return Lead

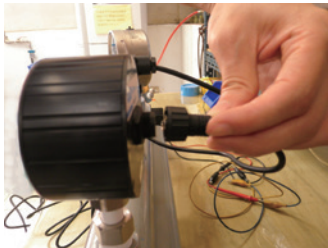
Brown Wire: Limit Switch output (NPN transistor output)

Blue Wire: 4~20mA output for meter (must be loop grounded with black wire)



4.0 OPERATING STEPS

STEP1:



STEP2-a:



STEP2-b:



STEP3:



STEP1: Insert the wire connection with the gauge. There are 4 wires of Blue, White, Brown and Black wire, the input voltage is 10~16 VDC.

STEP2-a: (No 4~20mA) Voltage ⊕ connect with white wire ; ⊖ connect with black and blue wire.
If the black and blue wire are not short circuit, the LED won't display.

STEP2-b: (with 4~20mA) Voltage ⊕ connect with white wire; ⊖ connect with black wire.
Electric meter: black wire- COM ; red wire- mA+

STEP3: Zero Adjustable: Press and hold the button and for 3 seconds, until "0" has displayed. (this step must be operated in atmospheric)

DPG3000T_2

NEW-FLOW TECHNOLOGIES, INC.

No.9 Lane 133, Xing-Hua St., Chien Chen Dist. Kaohsiung 806, Taiwan
TEL: 886-7-8135500 FAX: 886-7-8225588

info@new-flow.com
www.new-flow.com