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MANUFACTURE OF DIGITAL PRESSURE GAUGE 3"
DPG3000

Instruction Manual



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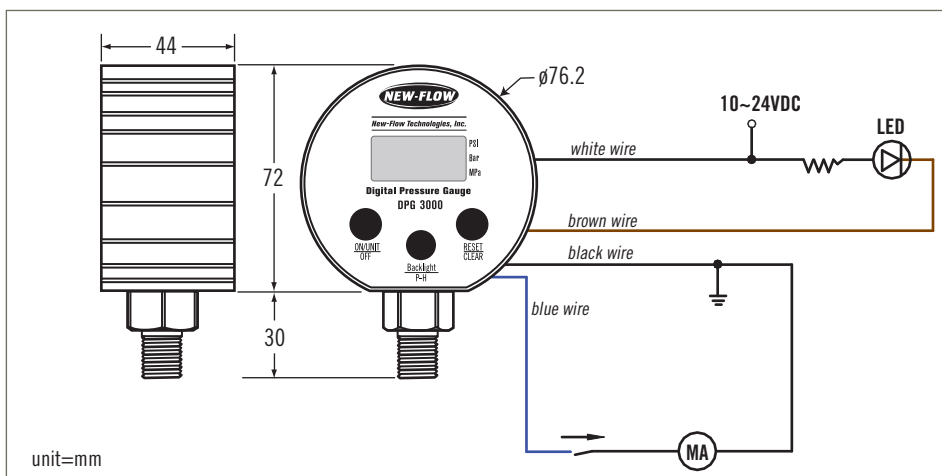
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INSTALLATION

Operation Method

1. The DPG3000 panel has a LCD display and three multi-functional buttons — **ON/UNIT/OFF**; **Backlight/P-H (Peak-Held)** and **RESET/CLEAR**.
2. The **ON/UNIT/OFF** button is used to display the pressure reading; switch between pressure units (PSI, BAR and MPA) and to power down the unit.
 - (a.) **To power on the unit:**
Press the **ON/UNIT/OFF** button. The DPG3000 has a battery saver mode and will automatically shut off the display after 5 minutes.
 - (b.) **To display the pressure reading in a different pressure unit:**
Continue to depress the **ON/UNIT/OFF** button until the arrow in the LCD points to the pressure units desired.
 - (c.) **To manually power down the unit:**
Press the **ON/UNIT/OFF** button and hold down for 3 seconds until OFF is displayed and then release the button.
3. The **Backlight/P-H (Peak-Held)** button is used to turn the LCD backlight on/off and to display the maximum peak pressure the unit has measured.
 - (d.) **To turn the LCD backlight on:** Press the **Backlight/P-H** button once.
To turn the LCD backlight off: Press the button again.
 - (e.) **To see the maximum peak pressure the unit has measured:**
Press and hold the **Backlight/P-H** button for 3 seconds. The maximum pressure reading will be blinking. If the maximum pressure read was over the unit's maximum pressure range, o.L will be blinking on the display.
 - (f.) **To return the current pressure reading:**
Press the **Backlight/P-H** button and hold down for 3 seconds.
4. The **RESET/CLEAR** button is used to reset the gauge to whatever pressure is currently applied to the port and to clear the stored maximum peak pressure reading.
 - (g.) **To reset the DPG3000 digital pressure gauge:**
Make sure the input is either disconnected or connected to a 0 psi input. Press and hold down the **RESET/CLEAR** button for 3 seconds.

Electrical Interface



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