

# BVA GE2514 Digital Hydraulic Pressure Gauge

## Specs

Model - GE2514

Dimension - 2-1/2" Dia.

Accuracy - 0.5% FS

Pressure Range - 0 to 9,999 PSI

Thread Size - 1/4" NPT

## Features:

Back-lit display; zero reset; displays in multiple units: psi, BAR, kg/cm<sup>2</sup>, Mpa (user selectable)

Temperature compensated from 14°F - 140°F ( -10 °C ~ 60 °C)

High precision gauge, accuracy, % of scale: ±0.5%

9V DC battery included

Peak-hold functions, provides an actual pressure read out under operation

Polypropylene housing, can be used under lightly acid and alkali working environment

One piece sensor unit built without welds, O-ring or silicone oil

Working temp 14°F - 140°F (non-frozen condition) Storage temp -4°F -158°F (F66 non-frozen condition)

Storage Humidity 35-85%

Pressure Rating: 10,000 psi



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# GE2514 Operation Instruction and Manual

## I. General Operation:

1. On-starting display: After install batteries in the gauge, press SET key then current pressure is displayed.
2. Pressure Zero-Reset: Once the pressure is displayed, press zero Shift key for 3 seconds to reset the pressure value to zero.
3. For other operations and setting, see below.

## II. Function of keys

- A. Key definitions: the three keys on the front panel.
  - a. On/Off key: The key on the left. (Shift key)
  - b. Light/P-H key: the key in the middle (Setting key).
  - c. Reset key: the key on the right (ADJ key).
- B. Parameter setting mode: Press In/Off key first then press Light/P-H key to enter the parameter setting mode. For details of operation, see 93) Parameter setting mode.
- C. Changing pressure unit: Press On/Off to change unit.
- D. To turn on or turn off backlight, just press Light/P-H key once.
- E. Display Max pressure:
  - a. Press the Light/P-H key for 3 seconds, and the LCD displays Max. pressure, with the "Max" icon on top right of LCD blinking.
  - b. Press Light/P-H key for 3 seconds again to res
- F. Zero-reset the Max. Pressure:

While pressure appear Max. Pressure, press reset key for 3 seconds, and the LCD displays "----", and 1 second later, the Max. pressure is reset at zero.
- G. Zero-reset the pressure value: When pressure is displayed, press reset key for 3 seconds, and the current pressure value is reset at zero.

## III. Parameter setting mode:

1. Zero mask setting:
  - 1a. Parameter setting mode: Press In/Off key first, then press Light/P-H key to enter the parameter setting mode.
  - 1b. The first item in setting mode sets unit for zero mask, where the screen displays "Cut. X".
  - 1c. Use reset key to adjust numeric of X, X mean 1 – 9.
2. Setting Automatic shut-down.
  - 2a. Press Light/P-H key again to enter the second item of automatic shut-down setting mode, where the screen displays "LCd.X" .
  - 2b. Use reset key to adjust numeric of X, X mean 1 – 9.
3. Setting Automatic shut sown Backlight.
  - 3a. Pre Light/P-H key again to enter the third item of automatic shut-down Backlight setting mode, where the screen displays "LEd.X".
  - 3b. Use reset key to adjust numeric of X, X mean 1 – 9.
4. Complete the setting – save the setting:
  - 4a. Press Light/P-H key again; now the set values saved.
  - 4b. Then the display of normal working status return.