

## PG802C LCD Display Digital Pressure Gauge

## Datasheet

### Features & Ordering Code

#### Features

- Large 5 digit display (15x6mm). Upper displays pressure value, lower displays pressure unit.
- Accuracy: 0.25% Full Scale.
- Range: From vacuum to 1000 Bar or 0-1000 Bar.
- Can display Max and Min value
- 12 selectable pressure units.
- Different connection sizes available.
- Easy-to-Use keypad and menu operations.

#### Keypad operation:

**ON/OFF:** Manually turn on/turn off both the gauge and the backlight.

**ZERO:** Zeros the display pressure quickly.

**UNIT:** Enable to select different unit quickly.

**MAX/MIN:** Display and clear the maximum and minimum value.

**MENU:** Provide access to menu mode.

#### Menu operation:

**LCK:** Password setting.

**UPDATE:** Sampling rate setting option: 100/200/ 500/1000ms.

**A-OFF:** Auto-off time setting option: 1m/5m/10m/ 30m or never.

**BACK:** Backlight time setting option: 5s/10s/30s or never.



#### Ordering Code

**PG802C** — □ — □ — □ — □ — **Range:** From vacuum to 1000 Bar, 0-1 Bar, 0-10 Bar, 0-100 Bar, 0-1000 Bar, -1-0 Bar, -1-1 Bar, -1-10 Bar, -1-100 Bar, -1-1000 Bar.  
**Output:** Blank; No output 300: 4-20mA 210: 0-10V 205: 0-5V 400: RS485  
**Connection size:** 1: Standard M20X1.5 2: G1/2 3: G1/4 & 1/4NPT 4: Others  
**Style:** Blank: Normal style P: Panel style  
PG802C Series Digital Pressure Gauge

Example: PG802C-P-3300-600Bar means panel style, G1/4 thread size, 4-20mA output, 0-600Bar range.

1. Panel Style type is not available at present. Planned for release when it is available.
2. With output function is not available at present. Planned for release when it is available.
3. Pressure range for example 0-100Bar, it covers 0-25Bar, 0-40Bar, 0-60Bar and any range less than 100Bar.

### Technical Data & Sizes

#### Technical Data

<b>Accuracy:</b>	Silicon 0.25% F.S
<b>Power Supply:</b>	3 x 1.5V AA battery. Life: about 3600h.
<b>Pressure Range:</b>	From vacuum to 1000 Bar or 0-1000 Bar
<b>Housing:</b>	ABS
<b>Operating Temperature:</b>	-20 to 85 Degrees
<b>Storage Temperature:</b>	-20 to 85 Degrees
<b>Temperature Shift:</b>	0.05% F.S per Degree
<b>Size:</b>	78mm Diameter
<b>Engineering Unit:</b>	Pa, KPa, MPa, PSI, Bar, $\text{MMHg}$ , $\text{INHg}$ , $\text{CMHg}$ , $\text{MMHG}$ and $\text{KGCM}$ .
<b>Thread Size:</b>	M20X1.5, G1/2, 1/4 NPT and others
<b>Frontal Panel:</b>	Polycarbonate, OEM available
<b>Max Allowed Load:</b>	RL less than 600 Ohm
<b>Over Pressure:</b>	200% of the Pressure Range, Less than 1200Bar
<b>Burst Pressure:</b>	400% of the Pressure Range, Less than 1200Bar
<b>Output:</b>	4-20mA, 0-10V, 0-5V, RS485, alarms
<b>IP Rating:</b>	IP66
<b>Weight:</b>	About 300G

#### Size

