

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

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

Size

