

DIGITAL PRESSURE SENSOR

GPD2

FEATURES

- Measuring range: -1~250 bar
- Accuracy: 0.25% F.S.
- 7 pressure units selectable
- Ceramic sensing components with stainless steel (SUS316) thread connection
- Max. & Min. hold function available, Analog output (16 bit) output optional
- Protection: NEMA4 / IP65



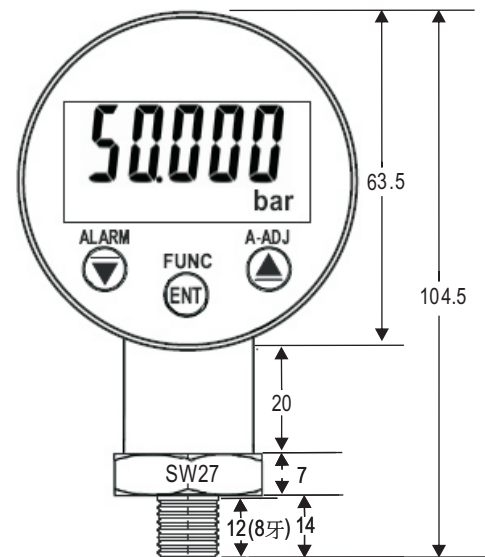
ORDER INFORMATION: GPD2 - Code 1 Code 2 - Code 3 - Code 4

Code 1	Input Range	Code 2	Analog Output	Code 3	Connection	Code 4	Wire Length
1	-1-2 bar	1	DC4-20mA(2-wire-system)	1	1/4" PT	2	2M
2	-1-10 bar	2	DC4-20mA(3-wire-system)	2	1/4" NPT	9	Option
3	-1-50 bar	3	DC1-5V(3-wire-system)				3 cond+shield,28AWG,PVC
4	0-250 bar	4	DC0-10V(3-wire-system)				
		5	Option(3-wire-system)				

SPECIFICATION

- ◆ Accuracy: 0.25% F.S.
- ◆ Power Supply: DC10~28V(O/P=4~20mA(3-wire)/1~5V
DC14~28V(O/P=4~20mA(2-wire)/0~10V)
- ◆ Sampling Cycle: 0.1~9.9s can be modified
- ◆ Display Range: 0~±999
- ◆ Zero Adjustment: 0~±999
- ◆ Span Adjustment: Maximum 2x rated (<60Bar)
Maximum 1.5x rated (>60Bar)
- ◆ Proof Pressure: 3x rated (<60Bar) / 1.8x rated (>60Bar)
- ◆ Burst Pressure: 16 bit DAC
- ◆ Analog Output Resolution: 50ms(0~90%)
- ◆ Output Response Time: <math><[(V_s - 12V) / 0.02A] \Omega</math> (Current 2-wire)
<math><[(V_s - 8V) / 0.02A] \Omega</math> (Current 3-wire)
>1K Ω (Voltage 3-wire)
- ◆ Output Capability: <math><0.1\% \text{ F.S.}</math>
- ◆ Output Ripple: $\pm 0.05\% \text{ F.S.} / 10^\circ \text{C}$
- ◆ Thermal Effect: $\pm 0.05\% \text{ F.S.} / 10^\circ \text{C}$
- ◆ Zero Point Thermal Effect: $\pm 0.1\% \text{ F.S.} / \text{year} (<60\text{Bar})$
 $\pm 0.15\% \text{ F.S.} / \text{year} (>60\text{Bar})$
- ◆ Long Time Stability: Bright red LEDs high 10.16mm(0.4")
- ◆ Display Screen: Touch switches
- ◆ Parameters Setting: Non-volatile EEPROM memory
- ◆ Back Up Memory: Ceramic A1203-96%
- ◆ Sensing Material: Stainless steel 1.4401(SUS316)
- ◆ Thread Material: NBR<16Bar / PVDF>16Bar
- ◆ Seal Material: FR-PET(UL94-VO)
- ◆ Housing Material: -10~60°C
- ◆ Operating Temperature: -30~80°C
- ◆ Storage Temperature:

DIMENSION



WIRING CONNECTION

