

DIGITAL PRESSURE SENSOR

GPD3

FEATURES

- 2 alarms output available, the display screen color will be changed to Red / Green
- Accuracy: 0.25% F.S.
- 7 pressure units selectable
- Ceramic sensing components with stainless steel (SUS316) thread connection
- Analog output (16 bit) / RS-485 output optional
- Protection: NEMA4 / IP65



ORDER INFORMATION: GPD3 - Code 1 Code 2 Code 3 - Code 4 Code 5 Code 6

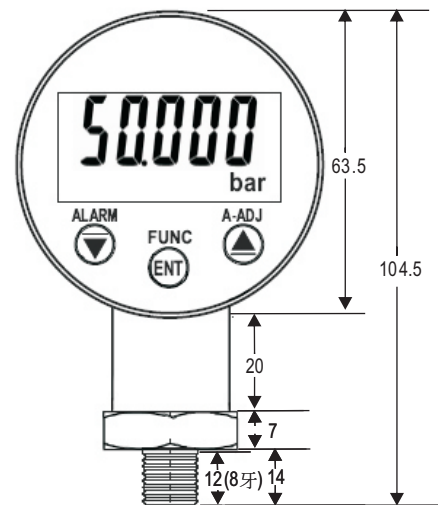
Code 1	Input Range	Code 2	Alarm Output	Code 3	Analog Output	Code 4	RS-485	Code 5	Connection	Code 6	Wire Length
1	-1~2 bar	0	None	0	None	0	None	1	1/4" PT	2	2M
2	-1~10 bar	1	Two tr(NPN)	1	DC1-5V	1	RS-485	2	1/4" NPT	9	Option
3	-1~50 bar	2	Two tr(PNP)	2	DC4-20mA						
4	0~250 bar	3	Two Relay	9	Option						

● Modbus mode
● 256 nodes on bus

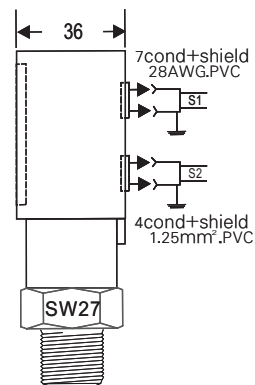
SPECIFICATION

- ◆ Accuracy: 0.25% F.S.
- ◆ Power Supply: DC14~30V
- ◆ Display Range: -19999~99999 digit
- ◆ Sampling Cycle: 0.1~9.9s can be modified
- ◆ Proof Pressure: Maximum 2x rated (<60Bar)
Maximum 1.5x rated (>60Bar)
- ◆ Burst Pressure: 3x rated (<160Bar)
1.8x rated (>250Bar)
- ◆ Alarm Action: HI/LO/GO/HL can be modified
- ◆ Relay Contact: AC250V-5A, DC30V-7A
- ◆ Photocouple Contact: MAX. DC60V/100mA
- ◆ Analog Output Resolution: 16 bit DAC
- ◆ Output Response Time: <50ms(0~90%)
- ◆ Output Capability: <10mA for voltage mode
<10V for current mode
- ◆ Comm. Address: "01"~"FF" (0~255)
- ◆ Baud Rate: 19200/9600/4800/2400 selective
- ◆ Communication: Modbus RTU mode
- ◆ Thermal Effect: ±0.05%F.S./10°C
- ◆ Long Time Stability: ±0.1%F.S./year(<60Bar)
±0.15%F.S./year(>60Bar)
- ◆ Display Screen: Bright red LEDs high 10.16mm(0.4")
- ◆ Parameters Setting: Touch switches
- ◆ Back Up Memory: Non-volatile EEPROM memory
- ◆ Sensing Material: Ceramic A1203-96%
- ◆ Thread Material: Stainless steel 1.4401(SUS316)
- ◆ Seal Material: NBR<16Bar / PVDF>16Bar
- ◆ Housing Material: NYEON66+PBT+15%GF(UL94V-0)
- ◆ Operating Temperature: -10~60°C
- ◆ Storage Temperature: -30~80°C

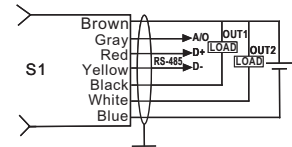
DIMENSION



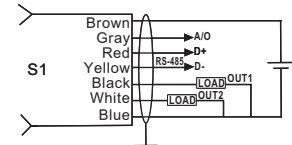
WIRING CONNECTION



● NPN output type (P=DC14~28V)



● PNP output type (P=DC14~28V)



● Relay output type (P=DC14~28V)

