

DIGITAL PRESSURE CONTROLLER METER 2.5"

MODEL
SPD3



FEATURES

- Auto. change red or green display when alarm status changes
- Accuracy 0.25% F.S.
- Thick film strain gage on ceramic and stainless steel(SUS316)
- Display pressure units bar, Kg/cm²,KPa,MPa,PSI,mmHg,inHg can be modified
- Dual alarm function (optional)
- 16 bit DAC analog output function (optional)
- Digit RS-485 interface function (optional)
- Protection class NEMA4/IP65, need enclosure don't directly used outdoors

1.MODEL:SPD3-□ □ □ □ □

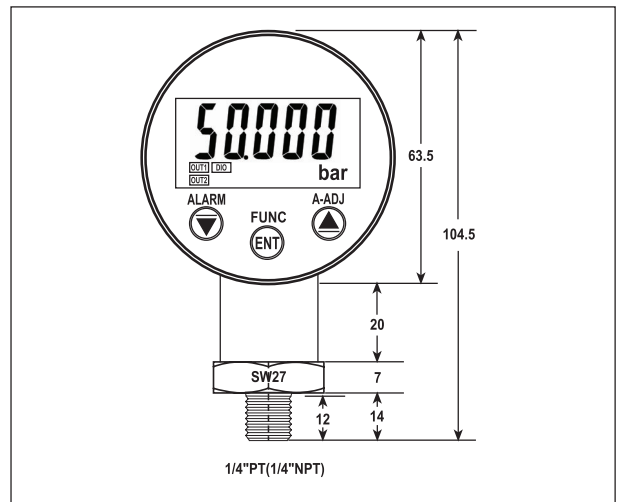
NO	Pressure Range	NO	Alarm Output	NO	Analog Output	NO	RS-485 Output	NO	Pressure connection	NO	Cable length
1	-1~2 bar	0	None	0	None	N	None	1	1/4"PT	2	2M(standard)
2	-1~10 bar	1	Two tr.(NPN)	1	DC1~5V	Y	RS-485	2	1/4"NPT	9	Customer
3	-1~50 bar	2	Two tr.(PNP)	2	DC4~20mA			3	1/2"NPT		
4	0~250 bar	3	Two Relay	9	Customer						

●Modbus mode
●256 nodes on bus

2.SPCIFICATION

- Supply voltage : DC14 to 30V
- Measuring accuracy : 0.25% F.S.
- Readout (compare) range : -19999~99999 digit
- Indication(sampling) cycle : 0.1s~9.9s can be modified
- Maximum permissible over pressure : Maximum 2 x rated (<60Bar)
Maximum 1.5 x rated (>60Bar)
- Burst pressure : 3 x rated (<160Bar)
1.8 x rated (>250Bar)
- Relay output mode : HI/LO/GO/HL can be modified
- Relay contact output : AC250V-2.5A,DC30V-5A
- Transistor output : Max. DC60V/100mA
- Analog output resolution : 16 bit DAC
- Response time : < 50ms(0~90%)
- Output drive capability : <10mA for voltage mode
<10V for current mode
- RS-485 address : "01"~"FF"(0~255)
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Thermal span shift : ±0.05% F.S./10°C
- Thermal zero shift : ±0.05% F.S./10°C
- Zero point long term stability (23 ± 5°C) : ±0.1% F.S./year(<60 Bar)
±0.15% F.S./year(>60 Bar)
- Display : Bright red/green LEDs high 10.16mm (0.4")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E² PROM memory
- Diaphragm materials : Ceramic Al₂O₃-96%
- Pressure port materials : Stainless steel 1.4401(SUS316)
- Seale(media wetted)materials : NBR<16Bar
PVDF>16Bar
- Display housing materials : NYLON66+PBT+15%GF(UL94V-0)
- Operating temperature range : -10 to 60°C
- Storage & medium temperature range: -30 to 80°C
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3.DIMENSION(unit:mm)



4.CONNECTION DIAGRAM

