

2.5"數位式壓力控制錶 (DIGITAL PRESSURE CONTROLLER METER 2.5")

MODEL
SPD3



■特點(FEATURES)

- 高警報效果,當警報動作時顯示幕自動變換顏色(紅/綠色)
(Auto. change red or green display when alarm status changes)
- 精確度0.5%滿刻度 (Accuracy 0.5% F.S.)
- 感測頭使用陶瓷壓阻式壓力元件配合不鏽鋼(SUS316)材質
(Thick film strain gage on ceramic and stainless steel(SUS316))
- 7種壓力單位可任意設定(Display pressure units bar, Kg/cm²,KPa,MPa,PSI,mmHg,inHg can be modified)
- 2組警報功能(Dual alarm function)(optional)
- 16BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)
- 防護等級NEMA4/IP65(Protection class NEMA4/IP65,need enclosure don't directly used outdoors)

1.MODEL:SPD3-□□□□□ (選購型號)

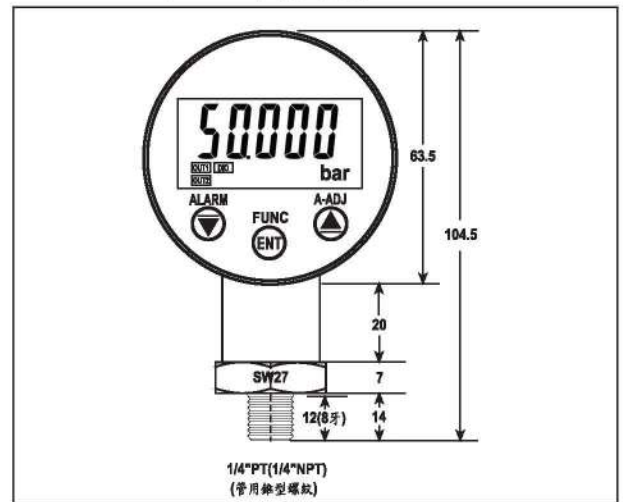
NO	Pressure Range	NO	Alarm Output	NO	Analog Output	NO	RS-485 Output	NO	Pressure connection	NO	Cable length
1	-1~2 bar	0	None	0	None	N	None	1	1/4"PT	2	2M(standard)
2	-1~10 bar	1	Two tr.(NPN)	1	DC1~5V	Y	RS-485	2	1/4"NPT	9	Customer
3	0~50 bar	2	Two tr.(PNP)	2	DC4~20mA			3	1/2"NPT		
4	0~250 bar	3	Two Relay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

•Modbus mode
•256 nodes on bus

2.SPCIFICATION (主要規格)

- Supply voltage(Power consumption) :DC 14 to 30V(<1.26VA)
(電源輸入(消耗功率))
- Measuring accuracy (精確度) :0.5% F.S.
- Readout (compare) range (顯示值(比較值)範圍) : -19999~99999 digit
- Indication(sampling) cycle (顯示時間週期) : 0.1s~9.9s can be modified
- Maximum permissible over pressure (最大允許過載壓力) : Maximum 2 x rated (<60Bar)
Maximum 1.5 x rated (>60Bar)
- Burst pressure (破壞壓力) : 3 x rated (<160Bar)
1.8 x rated (>250Bar)
- Relay output mode (繼電器輸出模式) : HI/LO/GO/HL can be modified
- Relay contact output (繼電器容量) : AC250V-2.5A,DC30V-5A
- Transistor output (電晶體輸出容量) : Max. DC60V/100mA
- Analog output resolution (類比輸出解析度) : 16 bit DAC
- Response time (輸出反應速度) : < 50ms(0~90%)
- Output drive capability (輸出負載能力) : <10mA for voltage mode
<10V for current mode
- RS-485 address (通訊位址) : "01"~"FF"(0~255)
- RS-485 baud rate (傳輸速率) : 19200/9600/4800/2400 selective
- RS-485 protocol (通訊協議) : Modbus RTU mode
- Thermal span shift (熱感度溫度漂移) : ±0.05% F.S./10°C
- Thermal zero shift (熱零點溫度漂移) : ±0.05% F.S./10°C
- Zero point long term stability (零點長期穩定度)(23 ± 5°C) : ±0.1% F.S./year(<60 Bar)
±0.15% F.S./year(>60 Bar)
- Display (顯示幕) : Bright red/green LEDs high 10.16mm (0.4")
- Parameter setting (參數設定方式) : Touch switches
- Memory mode (記憶型式) : Non-volatile E² PROM memory
- Diaphragm materials (壓力感應膜片材質) : Ceramic Al2O3-96%
- Pressure port materials (壓力接口材質) : Stainless steel 1.4401(SUS316)
- Seale(media wetted)materials (密封材質) : NBR<16Bar
PVDF>16Bar
- Display housing materials (顯示器本體材質) : NYLON66+PBT+15%GF(UL94V-0)
- Operating temperature range (工作溫度) : -10 to 60°C
- Storage & medium temperature range: (儲存與接液溫度) : -30 to 80°C
- CE EMC Certification (CE 認證) : 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) (外型尺寸)



4.CONNECTION DIAGRAM (接線圖)

