

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0.25%滿刻度 (Accuracy 0.25% 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-

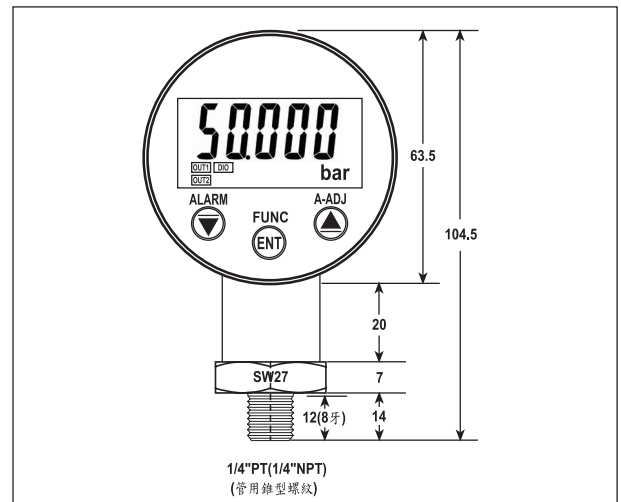
(選購型號)

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	-1~50 bar	2	Two tr.(PNP)	2	DC4~20mA	•Modbus mode •256 nodes on bus		3	1/2"NPT		
4	0~250 bar	3	Two Relay	9	Customer						

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 : 0.25% F.S.
(精確度)
- Readout (compare) range : -19999~99999 digit
(顯示值(比較值)範圍)
- Indication(sampling) cycle : 0.1s~9.9s can be modified
(顯示時間週期)
- Maximum permissible over pressure : Maximum 2 x rated (<60Bar)
Maximum 1.5 x rated (>60Bar)
(最大允許過載壓力)
- Burst pressure : 3 x rated (<160Bar)
1.8 x rated (>250Bar)
(破壞壓力)
- Relay output mode : HI/LO/GO/HL can be modified
(繼電器輸出模式)
- Relay contact output : AC250V-2.5A, DC30V-5A
(繼電器容量)
- Transistor output : Max. DC60V/100mA
(電晶體輸出容量)
- Analog output resolution : 16 bit DAC
(類比輸出解析度)
- Response time : < 50ms(0~90%)
(輸出反應速度)
- Output drive capability : <10mA for voltage mode
<10V for current mode
(輸出負載能力)
- RS-485 address : "01"~"FF"(0~255)
(通訊位址)
- RS-485 baud rate : 19200/9600/4800/2400 selective
(傳輸速率)
- RS-485 protocol : Modbus RTU mode
(通訊協議)
- Thermal span shift : ±0.05% F.S./10°C
(熱感度溫度漂移)
- Thermal zero shift : ±0.05% F.S./10°C
(熱零點溫度漂移)
- Zero point long term stability : ±0.1% F.S./year(<60 Bar)
±0.15% F.S./year(>60 Bar)
(零點長期穩定度)(23 ± 5°C)
- Display : Bright red/green LEDs high 10.16mm (0.4")
(顯示幕)
- Parameter setting : Touch switches
(參數設定方式)
- Memory mode : Non-volatile E² PROM memory
(記憶型式)
- Diaphragm materials : Ceramic Al₂O₃-96%
(壓力感應膜片材質)
- Pressure port materials : Stainless steel 1.4401(SUS316)
(壓力接口材質)
- Seale(media wetted)materials : NBR<16Bar
PVDF>16Bar
(密封材質)
- Display housing materials : NYLON66+PBT+15%GF(UL94V-0)
(顯示器本體材質)
- Operating temperature range : -10 to 60°C
(工作溫度)
- Storage & medium temperature range: -30 to 80°C
(儲存與接液溫度)
- 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
(CE 認證)

3.DIMENSION(unit:mm) (外型尺寸)



4.CONNECTION DIAGRAM (接線圖)

