

# 薄型多功能集合式RS-485控制電驛

(SLIM TYPE MULTI-FUNCTION RS-485 CONTROLLER METER RELAY)

MODEL  
SMRSR



## ■特點(FEATURES)

- 類比輸出精確度±0.05%滿刻度(Analog output accuracy±0.05% F.S.)
- 顯示範圍-19999~99999位數(Readout range from -19999~99999 digit)
- 可同時顯示與輸出類比功能(DC4~20.000mA/0~20.000mA/0~10.000V)  
(Calibrator analog output for DC4~20.000mA/0~20.000mA/0~10.000V)
- 通訊協議Modbus RTU模式(Modbus RTU mode for RS-485 protocol)
- 2組繼電輸出功能(Two relay output function)(optional)
- 16 BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 尺寸小,穩定性高(Dimension small & High stability)

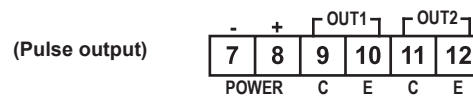
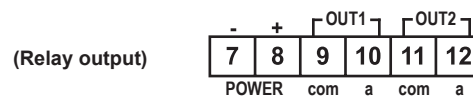
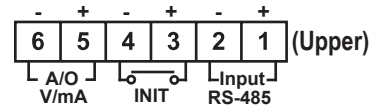
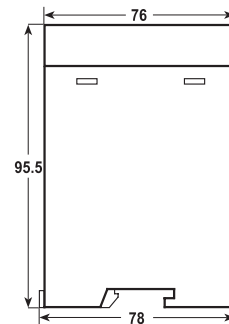
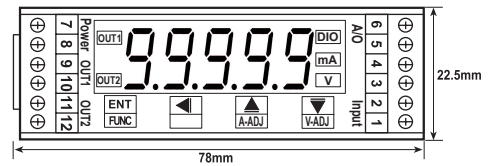
1.MODEL:SMRSR-□□□  
(選購型號)

NO	Relay output	NO	Analog output	NO	Aux.Power
N	None	N	None	A	AC/DC18~60V
R	Relay(Two)	Y	DC0~10V	B	AC/DC90~260V
P	Pulse(Two)		DC4~20mA/0~20mA		•Less 1.5VA for AC/DC input

## 2.SPECIFICATION(主要規格)

- Analog output accuracy :±0.05% F.S.  
(類比輸出精確度)(23±5°C)
- Readout range (顯示值範圍) :-19999~99999 digit (RS-485)  
DC0~10.000V(Voltage)  
DC4~20.000mA/DC0~20.000mA(Current)  
(can be modified)
- Analog output range (類比輸出規格) :DC0~10V/DC4~20mA/DC0~20mA
- Analog output resolution (類比輸出解析度) :16 bit DAC
- Analog output slope (類比輸出斜率) :0.125~1024mA/sec.(current output)  
0.0625~512V/sec.(voltage output)
- Output drive capability (輸出負載能力) :<10mA for voltage mode  
<10V for current mode
- Relay contact output (繼電器容量) :AC250V-2.5A,DC30V-5A
- Pulse output type (脈波輸出型式) :Photo couple of open-collector  
(Max.DC30V/40mA)
- Relay response time (繼電器輸出反應速度) :<6ms(Relay on time)  
<4ms(Relay off time)
- RS-485 address (通訊位址) :“00”~“FF”(0~255)
- RS-485 baud rate (傳輸速度) :19200/9600/4800/2400 selective
- RS-485 protocol (通信協議) :Modbus RTU mode(256 nodes on bus)
- Temp. coefficient (溫度係數) :50ppm/°C (0~50°C)(Analog output)
- Display (顯示幕) :Red high efficiency LEDs high 6.8mm(0.268")
- Parameter setting (參數設定方式) :Touch switches
- Memory mode (記憶型式) :Non-volatile E<sup>2</sup>PROM memory
- Dielectric strength (絕緣耐壓能力) :1.5KVac/1 min.(input/output/power)  
1200Vdc(input/output)
- Operating condition (使用環境條件) :0~50°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) :0~70°C (20 to 90% RH non-condensed)
- 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  
EN55024:1998/A1:2001

## 3.OUTSIDE DIMENSION(unit=mm) AND CONNECTION DIAGRAM (外型尺寸(unit=mm)與配線圖)



Note:When INIT=One-short ON(>100ms)

1:A/O DC4~20mA=4mA

2:A/O DC0~20mA=0mA

3:A/O DC0~10V=0V

4:RS-485 is address=00,baud rate=9600,no checksum