

## 特點

- 類比輸出精確度  $\pm 0.05\%$  滿刻度
- 顯示範圍 -19999~99999 位數
- 可同時顯示與輸出類比功能(DC4~20.000mA/0~20.000mA/0~5.000V/0~10.000V)
- 通訊協議 Modbus RTU 模式
- 4 組繼電器輸出功能
- 4 組 16 BIT 類比輸出功能
- 2 組數位脈波(ON/OFF)輸入,計數範圍 0~99999,Max.100Hz



### 1. TYPE: HMR-S2 -

(選購型號)

NO	Relay output	NO	Analog output
N	None	N	None
P	Pulse(Four)	A	DC0~5V/0~10V/ DC0~20mA/4~20mA
R	Relay(Four)		
M	Photo Mos Relay(Four)		

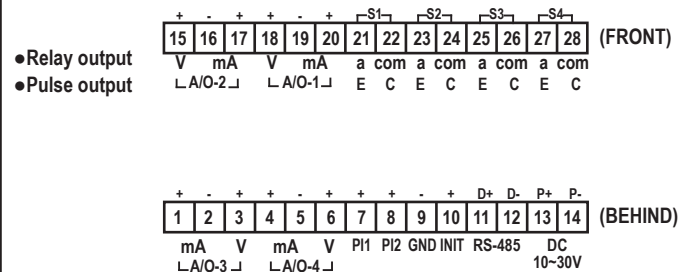
### 2. SPECIFICATION(主要規格)

- Aux. power supply (輔助電源): DC10~30V( $\leq 3.3W$ ), HMRS2-NX ( $\leq 4.3W$ ), HMRS2-RX
- Analog output accuracy (類比輸出精確度):  $\pm 0.05\%$  F.S. (23 $\pm 5^\circ\text{C}$ )
- Readout range (顯示值範圍): -19999~99999 digit (RS-485)  
DC0~5.000V/0~10.000V(Voltage)  
DC0~20.000mA/4~20.000mA(current)
- Pulse input type (脈波輸入型式): One-short ON( $\geq 10\text{ms}/\text{Max } 100\text{Hz}$ )
- Analog output range (類比輸出規格): DC0~5V/0~10V  
DC0~20mA/4~20mA can be modified
- Analog output resolution (類比輸出解析度): 16 bit DAC(Isolation)
- 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):  $\leq 10\text{mA}$  for voltage mode  
 $\leq 10\text{V}$  for current mode
- Relay contact output (繼電器容量): AC250V-5A, DC30V-5A
- Pulse output type (脈波輸出型式): Photocouple of open-collector (DC3.5~250V,  $\leq 120\text{mA}$ )
- Photo Mos relay output (Photo Mos繼電器容量): AC/DC3.5~50V,  $\leq 0.8\text{A}$
- RS-485 address (通訊位址): "00"~"FF"(0~255)
- RS-485 baud rate (傳輸速度): 1200~115200 selective
- RS-485 protocol (通信協議): Modbus RTU mode(250 nodes on bus)
- Temp. coefficient (溫度係數): 50ppm/ $^\circ\text{C}$  (0~50 $^\circ\text{C}$ )(Analog output)
- Display (顯示幕): Red high efficiency LEDs high 6.80mm(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): 2KVac/1 min.(output/power/RS-485)  
1600Vdc(RS-485/output)
- Operating condition (使用環境條件): 0~50 $^\circ\text{C}$  (20 to 90% RH non-condensed)
- Storage condition (存放環境條件): 0~70 $^\circ\text{C}$  (20 to 90% RH non-condensed)
- Construction (安裝方式): 35mm DIN rail(EN50021)

### 3. OUTSIDE DIMENSION(外型尺寸)



### 4. TERMINAL CONNECTION(配線圖)



- Note 1: Photo Mos Relay output and relay output are marked the same
- Note 2: Only one of the two output (mA/V) mode can be selected
- Note 3: When "INIT"=One-short ON(>100ms)
  - 1:A/O DC4~20mA=4mA
  - 2:A/O DC0~20mA=0mA
  - 3:A/O DC0~5V/0~10V=0V
  - 4:RS-485 is address=00, baud rate=9600, Parity=N.8.2, no checksum