

水平式RS485控制2組類比信號輸出隔離模組

(HORIZONTAL TYPE RS-485 CONTROLLER 2 CHANNEL ANALOG OUTPUT ISOLATED MODULE)

MODEL
HMRS1



■特點(FEATURES)

- 類比輸出精確度 $\pm 0.05\%$ 滿刻度(Analog output accuracy $\pm 0.05\%$ F.S.)
- 顯示範圍-19999~99999位數(Readout range form -19999~99999 digit)
- 可同時顯示與輸出類比功能(DC4~20.000mA/0~20.000mA/two-wire 4~20.000mA/0~5.000V/0~10.000V)
(Calibrator analog output for DC4~20.000mA/0~20.000mA/two-wire 4~20.000mA/0~5.000V/0~10.000V)
- 通訊協議Modbus RTU模式(Modbus RTU mode for RS-485 protocol)
- 4組繼電器輸出功能(Four relay output function)(optional)
- 2組16 BIT類比輸出功能(Two 16 bit DAC analog output(Voltage/current/two-wire current))
- 內建看門狗功能(Built-in watchdog function)

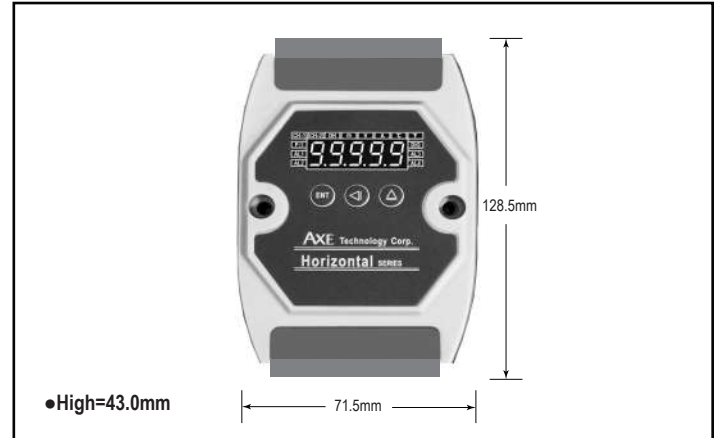
1.MODEL:HMRS1-□□-□□ (選購型號) (Stacking Screws)

NO	Relay output	NO	Analog output	NO	Analog output
N	None	N	None	A2	DC0~5V/0~10V DC0~20mA/4~20mA DC4~20mA(Two-wire) DC4~20mA(Two-wire exciting voltage DC10~28V)
P	Pulse(Four)	A1	DC0~5V/0~10V/ DC0~20mA/4~20mA DC4~20mA(Two-wire)		
R	Relay(Four)				
M	Photo Mos Relay(Four)				

2.SPECIFICATION(主要規格)

- Aux.power supply (輔助電源): DC10~30V($\leq 1.6W$), HMRS1-NX ($\leq 2.6W$), HMRS1-RX
- Analog output accuracy (類比輸出精確度): $\pm 0.05\%$ F.S.
- 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)
DC4~20.000mA (two-wire current)
(Exciting Voltage DC10~28V)
One-short ON($\geq 10ms$ /Max 100Hz)
- Pulse input type (脈波輸入型式): One-short ON($\geq 10ms$ /Max 100Hz)
- Analog output range (類比輸出規格): DC0~5V/0~10V/DC0~20mA/4~20mA
4~20mA(Two-wire) 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): $\leq 10mA$ for voltage mode
 $\leq 10V$ for current mode
 $\leq (V_{exc}-7.5V)/20mA$ for two-wire 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, $\leq 120mA$)
- Photo Mos relay output (Photo Mos繼電器容量): AC/DC3.5~50V, $\leq 0.8A$
- 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/°C (0~50°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 E²PROM memory
- Dielectric strength (絕緣耐壓能力): 2KVac/1 min.(output1/output2/power/RS-485)
1600Vdc(RS-485/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)
- Construction (安裝方式): 35mm DIN rail(EN50021)
- 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(外型尺寸)



4.TERMINAL CONNECTION(配線圖)

