

# 微電腦型盤面式控制電錶(顯示幕0.4")

## ( MICROPROCESS PANEL CONTROLLER METER )(DISPLAY 0.4")

**MODEL  
MM2S**



### ■特點(FEATURES)

- 精確度0.05%滿刻度±1位數(Accuracy 0.05% F.S.±1digit)
- 可量測 交直流電流/交直流電壓/電位計/傳送器/Pt-100/荷重元/電阻 等信號 (Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Load Cell/Resistor/etc.....)
- 顯示範圍0~±19999可任意規劃(Programmable rate 0 to ±19999 digit)
- 數位化指撥設定操作簡易(Simulation pushwheel digit switches,easy to operate)
- 具有自動歸零與保持功能(Auto zero and hold function)
- 4組警報功能(Max. four alarm function)(optional)
- 15BIT 類比輸出功能(15 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)

### 1.MODEL:MM2S-□□□-□□□□

(選購型號)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux. Power
A	DC	11	0~50mV	21	0~19.999uA	31	0~10%	41	DC4~20mA	0	None	0	None	N	None	A	AC/DC18~60V
B	AC(RMS)	12	0~5V	22	0~199.99uA	32	0~50%	42	DC1~5V	1	One	1	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	AC(TRMS)	13	0~10V	23	0~1.9999mA	33	0~100%	43	DC4~20mA	2	Two	2	DC0~10V				
D	Potentiometer	14	0~36V	24	0~19.999mA	34	5~95%	44	DC1~5V	3	Three	3	DC4~20mA				
E	Transmitter	15	0~54V	25	0~199.99mA	35	10~90%	49	SPECIFIED	4	Four	9	SPECIFIED				
F	Pt-100(RTD)	16	0~110V	26	0~1.9999A	39	SPECIFIED										
H	Load Cell	17	0~600V	27	0~5.000A												
L	LVDT	18	0~1000V	28	0~10.000A												
R	Resistor	19	SPECIFIED	29	SPECIFIED												

### 2.SPECIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.05% F.S.±1 digit (23±5°C) 0.2% F.S.±1 digit(AC(RMS))
- Sampling time (取樣時間) : 16 cycles/sec.
- Readout range (顯示值範圍) : 0~±19999digit adjustable
- Alarm delay time (繼電器延遲動作時間) : 0~99.9 second adjustable
- Alarm action (繼電器動作方向) : HI or Lo adjustable
- Relay contact output (繼電器容量) : AC 250V-5A, DC 30V-7A
- Analog output resolution (類比輸出解析度) : 15 bit DAC
- Response time (輸出反應速度) : < 250ms(0~90%)
- Output drive capability (輸出負載能力) : < 10mA for voltage mode < 10V for current mode < [(V+)-7.5V]/20mA for two-wire mode
- Output ripple (p-p) (輸出之漣波) : < 0.1% F.S.
- RS-485 address (通訊位址) : "01"~"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
- Temp. coefficient (溫度係數) : 50ppm/°C (0~50°C)
- Display (顯示幕) : Red high efficiency LEDs high 10.16mm(0.4")
- 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. (input/output/power) 1600 Vdc (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 EN 55024:1998/A1:2001

### 3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

