

特點

- 精確度0.05%滿刻度±1位數
- 可量測 交直流電流/交直流電壓/電位計/傳送器/Pt-100/熱電 耦/荷重元/電阻 等信號
- 顯示範圍-19999~99999可任意規劃
- 具有自動歸零與開根號與最大值保持功能
- 具有16段線性折補功能
- 4組警報功能
- 16BIT 類比輸出功能
- 數位RS-485界面



1. 選購型號

MA-SM3S-□□□□-□□□□□X X=NIL(Non correction for non-linearity function),X=L(Correction for non-linearity function(16-segments))

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Transmitter	NO	Load Cell	NO	Thermocouple	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux. Power
A	DC	11	0~50mV	21	0~99.999uA	41	DC4~20mA	61	2mV/V	71	J(-200~760)°C	0	None	0	None	N	None	A	AC/DC18~60V
B	AC(RMS)	12	0~5V	22	0~999.99uA	42	DC1~5V	62	3mV/V	72	K(-200~1360)°C	1	One	1	DC4~20mA	Y	RS-485	B	AC/DC90~260V
C	AC(TRMS)	13	0~10V	23	0~9.9999mA	43	DC4~20mA	63	2mV/V	73	T(-200~395)°C	2	Two	2	DC0~10V	*Modbus mode *256 nodes on bus		* Less 4VA for AC/DC input	
D	Potentiometer	14	0~36V	24	0~99.999mA	44	DC1~5V	64	3mV/V	74	E(-185~990)°C	3	Three	3	*DC4~20mA				
E	Transmitter	15	0~54V	25	0~999.99mA	49	SPECIFIED	69	SPECIFIED	75	R(0~1760)°C	4	Four	9	SPECIFIED				
F	Pt-100(RTD)	16	0~110V	26	0~2.0000A	*41/42 nonexciting DC24V *43/44 exciting DC24V(<25mA)		*61/62 Exciting DC5V(<50mA) *63/64 Exciting DC10V(<50mA)		76	S(0~1750)°C	*Relay contact (AC250V-5A DC30V-7A)		*Two-wire transmitter (Exciting voltage DC10~36V)					
G	Thermocouple	17	0~600V	27	0~5.0000A					77	B(200~1800)°C	*CJC traceability <±0.5°C(0~70°C)							
H	Load Cell	18	0~1000V	28	0~10.000A														
R	Resistor	19	SPECIFIED	29	SPECIFIED														

2. SPECIFICATION (主要規格)

- Measuring accuracy : 0.05% F.S.±1 digit (精確度) (23±5°C) 0.2% F.S.±1 digit(AC(RMS)) 0.2% F.S.±0.5°C(CJC)(Thermocouple)
- Sampling time : 16 cycles/sec. (取樣時間)
- Readout range : -19999~99999 digit adjustable (顯示值範圍)
- Alarm delay time : 0~99.9 second adjustable (繼電器延遲動作時間)
- Alarm action : HI or Lo adjustable (繼電器動作方向)
- Relay contact output : AC 250V-5A, DC 30V-7A (繼電器容量)
- Analog output resolution : 16 bit DAC (類比輸出解析度)
- Response time : < 250ms(0~90%) (輸出反應速度)
- Output drive capability : < 10mA for voltage mode < 10V for current mode < [(V+)-7.5V]/20mA for two-wire mode (輸出負載能力)
- Output ripple (p-p) : < 0.1% F.S. (輸出之漣波)
- RS-485 address : "01"~"FF"(0~255) (通訊位址)
- RS-485 baud rate : 19200/9600/4800/2400 selective (傳輸速度)
- RS-485 protocol : Modbus RTU mode (通信協議)
- Temp. coefficient : 50ppm/°C (0~50°C) (溫度係數)
- Display : Red high efficiency LEDs high 20.32mm(0.8") (顯示幕)
- Parameter setting : Touch switches (參數設定方式)
- Memory mode : Non-volatile E² PROM memory (記憶型式)
- Dielectric strength : 2KVac/1 min. (input/output/power) 1600 Vdc (input/output) (絕緣耐壓能力)
- Operating condition : 0~50°C (20 to 90% RH non-condensed) (使用環境條件)
- Storage condition : 0~70°C (20 to 90% RH non-condensed) (存放環境條件)

3. OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

