

## 特點

- 精確度0.01%滿刻度±3位數(Accuracy 0.01% F.S.±3 digit)
- 可量測直流電壓/直流電流/電位計/傳送器/荷重元等信號 (Measuring DCA/DCV/Potentiometer/Transmitter/ Load Cell/etc.....)
- 顯示範圍-999999~999999可任意規劃(Programmable rate -199999 to 999999 digit)
- 每秒2000次快速取樣速度(High speed sampling times 2000Hz)
- 具有零點值漂移自動追蹤補償功能(<0.1%F.S.)(Auto-tracing compensation for Zero-area value(<0.1%F.S.))
- 具有顯示值自動歸零與保持與復歸功能(Display auto zero/hold/reset function)
- 4組警報+PASS輸出功能(Max. four alarm additional PASS output function)(optional)
- 16BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)
- 防護等級NEMA4/IP64(Protection class NEMA4/IP64)



## 1. 選購型號

MA-SXH - [ ] [ ] [ ] [ ] [ ] [ ]

NO	Input Type	NO	DCV	NO	DCA	NO	Potentiometer	NO	Transmitter	NO	Load Cell	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux.Power
A	DC	11	0~±100mV	22	0~±100uA	33	0~100%	41	0~5V/1~5V 0~10V/2~10V	51	0~±1mV/V	0	None	0	None	N	None	A	AC/DC18~60V
D	Potentiometer	12	0~5V/1~5V/10V/2~10V	24	0~20mA/4~20mA	39	SPECIFIED	42	0~20mA/4~20mA	52	0~±2mV/V	1	HI/PASS/LO Relay	1	DC0/4~20mA	Y	RS-485	B	AC/DC90~260V
E	Transmitter	13	0~±10V	25	0~±100mA		•Exciting DC5V (<50mA)	53	0~±3mV/V	2	HH/HH/PASS/LO/LL Relay	2	DC0/1~5V		•Modbus mode •256 nodes on bus				
H	Load Cell	16	0~±100V	28	0~±10A		•Exciting DC±12V(<50mA) DC24V(<50mA)	59	SPECIFIED	3	HH/HH/PASS/LO/LL Tr(NPN)	3	DC0/2~10V		•1/2/3 can be modified for Jumper				
O	SPECIFIED	17	0~±600V	29	SPECIFIED														

## 2. 主要規格

- Measuring accuracy (精確度) : 0.01% F.S.±3 digit (23±5°C)
- Sampling time (取樣時間) : 2000 cycles/sec.(one input)
- Readout range (顯示值範圍) : -999999~999999digit adjustable
- Display refresh period (顯示值更新範圍) : 0.1/0.5/1.0/2.0/4.0 second selective
- Auto-tracing compensation (零點自動追蹤補償範圍) : 0~999 digit
- Timing Hold function (時序保持功能) : Normal(not hold)/S-H(sample hold)/P-H(peak hold)  
b-H(bottom hold)/P-P-H(peak topeak hold)
- Alarm output compare pattern: Normal/Zone/Level selective (警報輸出比較樣式)
- Alarm output response time (警報輸出反應速度) : <10mS(relay output)  
<0.5mS (transistor output)
- Alarm ON/OFF delay time (警報ON/OFF延遲時間) : 0~999.99 second adjustable
- Alarm one-shot output time (警報動作時間) : 0~999.99 second adjustable
- Alarm output logie (警報輸出動作邏輯) : "n-o"(normal is open)/  
"n-c"(normal is close) selective
- Relay contact output (繼電器容量) : AC 250V-5A, DC 30V-7A
- Transistor output (電晶體輸出容量) : Photo couple of open-collector (max.DC60V/100mA)
- Analog output resolution (類比輸出解析度) : 16 bit DAC
- Analog output response time (類比輸出反應速度) : < 50ms(0~90%)
- Output drive capability (輸出負載能力) : < 10mA for voltage mode  
< 10V for current mode
- RS-485 address (通訊位址) : "01"~"FF"(0~255)
- RS-485 baud rate (傳輸速度) : 38400/19200/9600/4800/2400 selective
- RS-485 protocol (通信協議) : Modbus RTU mode
- Temp. coefficient (溫度係數) : 10 ppm/°C (0~50°C)
- Display (顯示幕) : Red high efficiency LEDs high 14.22mm(0.56")(PV)  
Red high efficiency LEDs high 7.00mm(0.28")(SV)
- 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)

## 3. 外型/開孔尺寸與配線圖

