

# 微電腦型盤面式控制電錶(24x48mm) ( MICROPROCESS PANEL CONTROLLER METER )(24x48mm)

MODEL  
MMX-AS



## ■特點(FEATURES)

- 精確度0.05%滿刻度±1位數(Accuracy 0.05% F.S.±1 digit)
- 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-19999~99999可任意規劃(Programmable rate -19999~99999 digit)
- 具有自動歸零/保持/開根號功能(Auto zero/hold/Square root function)
- 2組警報功能(Max. two alarm 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)

1.MODEL:MMX-AS ☐ ☐ ☐ - ☐ ☐ ☐ ☒ X=H(Hold measuring value function),X=M(Hold maximum measuring value function),X=S(Square root function)  
(選購型號)

| NO | Input Type    | NO | DCV(ACV)  | NO | DCA(ACA)   | NO                                                       | Transmitter | NO                                                          | Load Cell | NO                                     | Alarm output | NO | Analog output | NO           | RS-485 | NO | Aux. Power                |  |  |  |  |  |  |  |  |  |  |  |  |
|----|---------------|----|-----------|----|------------|----------------------------------------------------------|-------------|-------------------------------------------------------------|-----------|----------------------------------------|--------------|----|---------------|--------------|--------|----|---------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| A  | DC            | 11 | 0~50mV    | 21 | 0~19.999uA | 41                                                       | DC4~20mA    | 61                                                          | 2mV/V     | 0                                      | None         | 0  | None          | N            | None   | A  | AC/DC18~60V               |  |  |  |  |  |  |  |  |  |  |  |  |
| B  | AC(RMS)       | 12 | 0~5V      | 22 | 0~199.99uA | 42                                                       | DC1~5V      | 62                                                          | 3mV/V     | 1                                      | One          | 1  | DC4~20mA      | Y            | RS-485 | B  | AC/DC90~260V              |  |  |  |  |  |  |  |  |  |  |  |  |
| C  | AC(TRMS)      | 13 | 0~10V     | 23 | 0~1.9999mA | 43                                                       | DC4~20mA    | 63                                                          | 2mV/V     | 2                                      | Two          | 2  | DC0~10V       | ●Modbus mode |        |    | ●Less 4VA for AC/DC input |  |  |  |  |  |  |  |  |  |  |  |  |
| D  | Potentiometer | 14 | 0~36V     | 24 | 0~19.999mA | 44                                                       | DC1~5V      | 64                                                          | 3mV/V     | ●Relay contact (AC250V-2.5A, DC30V-5A) |              | 9  | SPECIFIED     |              |        |    |                           |  |  |  |  |  |  |  |  |  |  |  |  |
| E  | Transmitter   | 15 | 0~54V     | 25 | 0~199.99mA | 49                                                       | SPECIFIED   | 69                                                          | SPECIFIED |                                        |              |    |               |              |        |    |                           |  |  |  |  |  |  |  |  |  |  |  |  |
| F  | Pt-100(RTD)   | 16 | 0~110V    | 26 | 0~1.9999A  | ●41/42 nonexciting DC24V<br>●43/44 exciting DC24V(<25mA) |             | ●61/62 Exciting DC5V(<50mA)<br>●63/64 Exciting DC10V(<50mA) |           |                                        |              |    |               |              |        |    |                           |  |  |  |  |  |  |  |  |  |  |  |  |
| G  | Thermocouple  | 17 | 0~600V    | 27 | 0~5.000A   |                                                          |             |                                                             |           |                                        |              |    |               |              |        |    |                           |  |  |  |  |  |  |  |  |  |  |  |  |
| H  | Load Cell     | 19 | SPECIFIED | 29 | SPECIFIED  |                                                          |             |                                                             |           |                                        |              |    |               |              |        |    |                           |  |  |  |  |  |  |  |  |  |  |  |  |
| R  | Resistor      |    |           |    |            |                                                          |             |                                                             |           |                                        |              |    |               |              |        |    |                           |  |  |  |  |  |  |  |  |  |  |  |  |

## 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)) 0.2% F.S.±0.5°C (CJC)(Thermocouple)
- Sampling time (取樣時間) : 16 cycles/sec.
- Readout range (顯示值範圍) : -19999~99999 digit 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-2.5A, DC 30V-5A
- Analog output resolution (類比輸出解析度) : 16 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
- 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) : 1.5KVac/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)

