

# 微電腦型數學演算式傳送器

( MICROPROCESS MATH FUNCTION TRANSMITTER )

MODEL  
MMT



## ■特點(FEATURES)

- .精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- .可作各式數學演算式功能如:  $A \pm B / A \times B / A \& B (Hi \text{ or } Lo) / |A| / \sqrt{A}$   
(Math function  $A \pm B / A \times B / A \& B (Hi \& Lo) / |A| / \sqrt{A}$  / etc.....)
- .15BIT 類比輸出功能(15bit DAC isolating analog output function)
- .輸入與輸出絕緣耐壓2仟伏特/1分鐘(Dielectric strength 2KVac/1min. (input/output/power))
- .寬範圍交直流兩用電源設計(Wide input range for auxiliary power)
- .尺寸小,穩定性高(Dimension small and High stability)

## 1:MODEL:MMT-□ □ □ - □ □

(選購型號)

| NO | Input Type                   | NO | Input A Range | NO | Input A Range | NO | Input B Range | NO | Output Range | NO | Output Range | NO                         | Aux. Power    |
|----|------------------------------|----|---------------|----|---------------|----|---------------|----|--------------|----|--------------|----------------------------|---------------|
| A  | $A \pm B$                    | 1  | 0-50mV        | 6  | 0-1mA         | 1  | 0-50mV        | A  | 0-50mV       | F  | 0-1mA        | A                          | AC/DC 18-60V  |
| B  | $A \times B$                 | 2  | 0-5V          | 7  | 0-20mA        | 3  | 0-10V         | B  | 0-1V         | G  | 0-10mA       | B                          | AC/DC 90-260V |
| C  | $A \& B (Hi \text{ or } Lo)$ | 3  | 0-10V         | 8  | 4-20mA        | 6  | 0-1mA         | C  | 1-5V         | H  | 0-20mA       | . Less 4VA for AC/DC input |               |
| D  | $ A $                        | 4  | 2-10V         | 9  | SPECIFIED     | 8  | 4-20mA        | D  | 0-10V        | I  | 4-20mA       |                            |               |
| E  | $\sqrt{A}$                   | 5  | -10~+10V      |    |               | 9  | SPECIFIED     | E  | 2-10V        | R  | SPECIFIED    |                            |               |

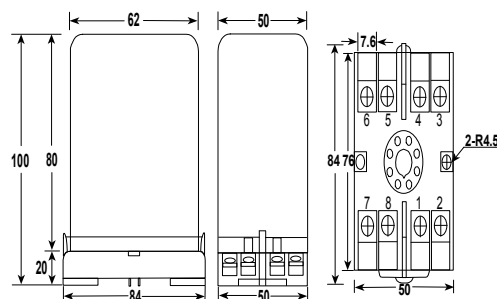
## 2.SPECIFICATION (主要規格)

- . Measuring accuracy : 0.1% F.S. (23 ± 5 )  
(精確度)
- . Readout range : 0- ± 19999 digit adjustable  
(顯示值範圍)
- . Input resistance : >100 Mohm(< 2V range)  
>1 Mohm(> 2V range)  
<20 ohm (current input)
- . Maximum input : <300Vrms(>2V ranges)  
<150Vrms(>2V ranges)  
<150mA(current ranges)
- . Analog output resolution : 15 bit DAC  
(類比輸出解析度)
- . Response time : < 250 ms (0-90%)(>10Hz)  
(輸出反應速度)
- . Output drive capability : < 10mA for voltage mode  
< 10V for current mode  
(輸出負載能力)
- . Output ripple (p-p) : < 0.1% F.S.  
(輸出之漣波)
- . Zero (offset) range : 0- ± 19999 Digit adjustable  
(歸零調整範圍)
- . Span (scale) range : 0- ± 19999 Digit adjustable  
(最大值調整範圍)
- . Temp. coefficient : 100ppm/ (0-50 )  
(溫度係數)
- . Display : Red high efficiency LEDs high 10.16mm (0.4")  
(顯示幕)
- . Isolation : Input/Output/Power/Case  
(隔離特性)
- . Parameter setting : Touch switches  
(參數設定方式)
- . Memory mode : Non-volatile E<sup>2</sup> PROM memory  
(記憶方式)
- . Insulation Resistance : >100Mohm with 500V DC  
(絕緣阻抗)
- . Dielectric strength : 2KVac/1 min. (input/output/power)  
1600Vdc (input/output)
- . Operating condition : 0-50 (20 to 90% RH non-condensed)  
(使用環境條件)
- . Storage condition : 0-70 (20 to 90% RH non-condensed)  
(存放環境條件)
- . Construction : Socket/plugin type with barrier terminals  
(安裝方式)

## 3.Terminal conection(接線圖)

| Input B |   | Input A |   |
|---------|---|---------|---|
| 6       | 5 | 4       | 3 |
| -       | + | -       | + |
| +       | - | +       | - |
| 7       | 8 | 1       | 2 |
| Power   |   | Output  |   |

## 4.Dimension(unit:mm)(外型尺寸)



T-9