

微電腦型數學演算式隔離傳送器

(MICROPROCESS MATH FUNCTION ISOLATED 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+B/A-B/AxB/A/B/A/B (Hi or Lo)/|A|/√A
(Math function A+B/A-B/AxB/A/B/A&B(Hi&Lo)/|A|/√A /etc.....)
- 16 BIT 類比輸出功能 (16 bit DAC isolating analog output function)
- 輸入與輸出絕緣耐壓 2 仟伏特/1 分鐘 (Dielectric strength 2KVac/1 min. (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)

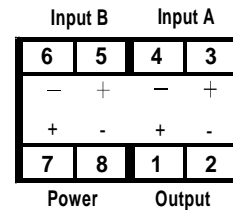
1. MODEL: MMT- (選購型號)

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±B	1	0-50mV	6	0-1mA	1	0-50mV	A	0-50mV	F	0-1mA	A	AC/DC 18-60V
B	AxB(A/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 or Lo)	3	0-10V	8	4-20mA	6	0-1mA	C	1-5V	H	0-20mA	C	AC110V(50/60Hz) ± 20%
D	A	4	2-10V	9	SPECIFIED	8	4-20mA	D	0-10V	I	4-20mA	D	AC220V(50/60Hz) ± 20%
E	√A	5	-10-+10V			9	SPECIFIED	E	2-10V	R	SPECIFIED		Less 3VA for AC/DC input

2. SPECIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.1% F.S. (23 ± 5)
- Readout range (顯示值範圍) : 0- ± 19999 digit adjustable
- Input resistance (輸入阻抗) : >100 Mohm (< 2V range)
>1 Mohm (> 2V range)
<20 ohm (current input)
- Maximum input (最大過載能力) : <300Vrms(>2V ranges)
<150Vrms(>2V ranges)
<150mA(current ranges)
- Analog output resolution (類比輸出解析度) : 16 bit DAC
- Response time (輸出反應速度) : < 250 ms (0-90%)(>10Hz)
- 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.
- Zero (offset) range (歸零調整範圍) : 0- ± 9999 Digit adjustable
- Span (scale) range (最大值調整範圍) : 0- ± 9999 Digit adjustable
- Temp. coefficient (溫度係數) : 50ppm/ (0-50)
- Display (顯示幕) : Red high efficiency LEDs high 10.16mm (0.4")
- Isolation (隔離特性) : Input/Output/Power/Case
- Parameter setting (參數設定方式) : Touch switches
- Memory mode (記憶方式) : Non-volatile E² PROM memory
- Insulation Resistance (絕緣阻抗) : > 100Mohm with 500V DC
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/output/power)
1600Vdc (input/output)
- Operating condition (使用環境條件) : 0-60 (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0-70 (20 to 90% RH non-condensed)
- Construction (安裝方式) : Socket/plugin type with barrier terminals
- 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. TERMINAL CONNECTION (接線圖)



4. DIMENSION (unit:mm) (外型尺寸)

