

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/Ax B/A/B/A&B(Hi or Lo)/A/√A
(Math function A+B/A-B/Ax B/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/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-□ □ □ □

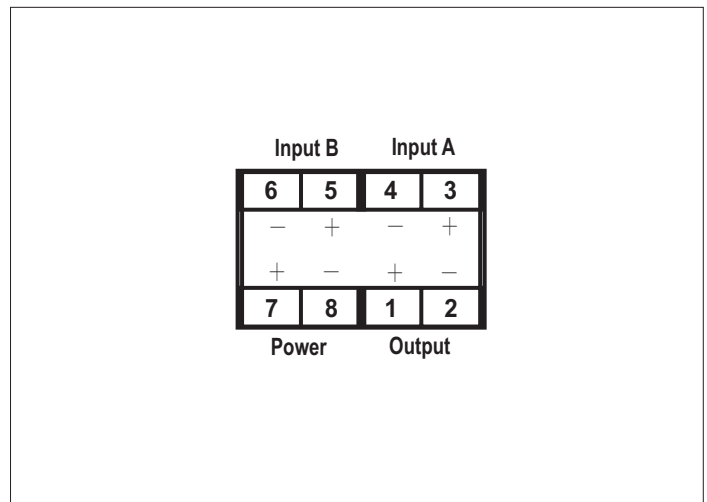
(選購型號)

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+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.SPCIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23±5°C)
(精確度)
- Readout range : 0~±19999 digit adjustable
(顯示值範圍)
- Input resistance : >100 Mohm(< 2V range)
>2 Mohm(> 2V range)
<100 ohm (current input)
- Maximum input : <600Vrms(>2V ranges)
<150Vrms(>2V ranges)
<150mA(current ranges)
- Analog output resolution : 16 bit DAC
(類比輸出解析度)
- Response time : < 250 ms (0~90%)
(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~±9999 Digit adjustable
(歸零調整範圍)
- Span (scale) range : 0~±9999 Digit adjustable
(最大值調整範圍)
- Temp. coefficient : 50ppm/°C (0~50°C)
(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 E² PROM memory
(記憶方式)
- Insulation Resistance : >100M ohm with 500V DC
(絕緣阻抗)
- Dielectric strength : 2KVac/1 min. (input/output/power)
1600Vdc (input/output)
(絕緣耐壓能力)
- Operating condition : 0~60°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)
- Construction : Socket/plugin type with barrier terminals
(安裝方式)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
(CE 認證)
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)

