

微電腦型數學演算式雙輸出隔離傳送器

(DUAL OUTPUT MICROPROCESS MATH FUNCTION ISOLATED TRANSMITTER)

MODEL
DMMT



■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/輸出1/輸出2絕緣耐壓2千伏特/1分鐘(Dielectric strength 2KVac/1min. (input/output1/output2/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: DMMT-□ □ □ □ □ □

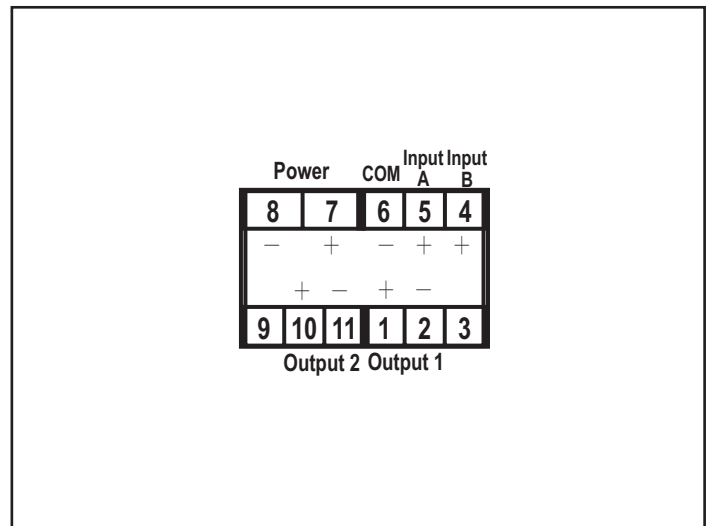
(選購型號)

NO	Input Type	NO	Input A Range	NO	Input A Range	NO	Input B Range	NO	Output 1	NO	Output 1	NO	Output 2	NO	Output 2	NO	Aux. Power
A	A±B	1	0~50mV	6	0~1mA	1	0~50mV	A	0~50mV	F	0~1mA	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	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	1~5V	H	0~20mA		•Less 3VA for AC/DC input
D	A	4	2~10V	9	SPECIFIED	8	4~20mA	D	0~10V	I	4~20mA	D	0~10V	I	4~20mA		
E	√A	5	-10~+10V		9	SPECIFIED		E	2~10V	R	SPECIFIED	E	2~10V	R	SPECIFIED		

2. SPECIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.1% F.S. (23±5°C)
- Readout range (顯示值範圍) : 0~±19999 digit adjustable
- Input resistance (輸入阻抗) : >100 Mohm(< 2V range)
>2Mohm(> 2V range)
<100 ohm (current input)
- Maximum input (最大過載能力) : <600Vrms(>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%)
- 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(output1)
0~±5%F.S.(output2)
- Span (scale) range (最大值調整範圍) : 0~±9999 Digit adjustable(output2)
0~±10%F.S.(output2)
- Temp. coefficient (溫度係數) : 50ppm/°C (0~50°C)
- Display (顯示幕) : Red high efficiency LEDs high 10.16mm (0.4")
- Isolation (隔離特性) : Input/Output1/Output2/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) : >100M ohm with 500V DC
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/output1/output2/power)
1600Vdc (input/output)
- Operating condition (使用環境條件) : 0~60°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70°C (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)

