

微電腦型數學演算式隔離傳送器 (MICROPROCESS MATH FUNCTION ISOLATED TRANSMITTER)

**MODEL
PWRMMT**



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)

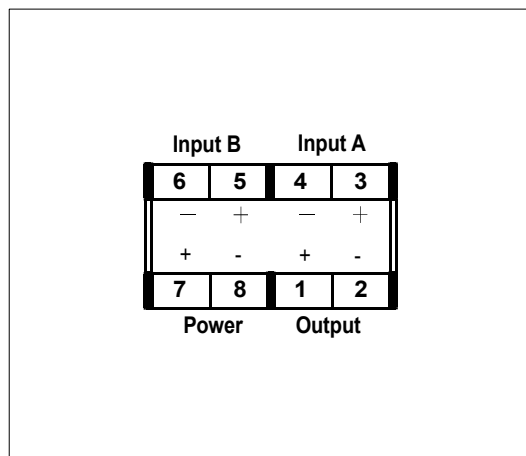
1:MODEL:PWRMMT- (選購型號)

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	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	Less 4VA for AC/DC input	
D	A	4	2-10V	9	SPECIFIED	8	4-20mA	D	0-10V	I	4-20mA		
E	A/A	5	-10~+10V			9	SPECIFIED	E	2-10V	R	SPECIFIED		

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)	: >100M ohm(< 2V range) >1M ohm(> 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)	: 15 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- ± 19999 Digit adjustable
Span (scale) range (最大值調整範圍)	: 0- ± 19999 Digit adjustable
Temp. coefficient (溫度係數)	: 100ppm/ (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 E ² 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/output/power) 1600Vdc (input/output)
Operating condition (使用環境條件)	: 0-50 (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

3.Terminal conection(接線圖)



4.Dimension(unit:mm)(外型尺寸)

