

微電腦型類比信號隔離傳送器

(MICROPROCESS ANALOG SIGNAL ISOLATED TRANSMITTER)

MODEL
PWRMAT



特點(FEATURES)

精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
 可輸入交直流電流/交直流電壓/電位計/傳送器...等信號
 (Input type DCA/DCV/ACA/ACV/Potentiometer/Transmitter 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)

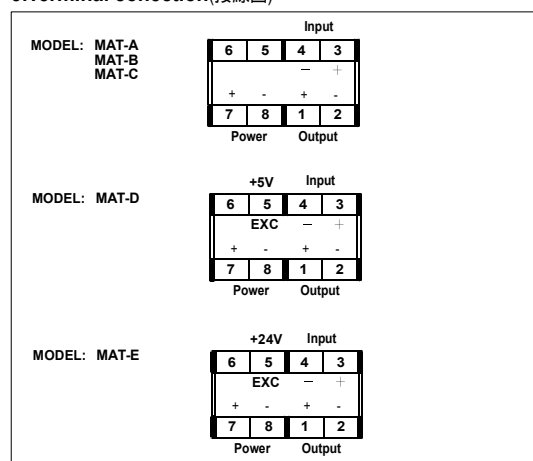
1:MODEL:PWRMAT- (選購型號)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Output Range	NO	Aux. Power
A	DC	11	0-50mV	22	0-200uA	31	0-10%	41	DC4-20mA	A	DC0-50mV	A	AC/DC 18-60V
B	AC(RMS)	12	0-5V	23	0-2mA	32	0-50%	42	DC1-5V	C	DC1-5V	B	AC/DC 90-260V
C	AC(TRMS)	13	0-10V	24	0-20mA	33	0-100%	43	DC4-20mA	D	DC0-10V	Less 4VA for AC/DC input	
D	Potentiometer	14	0-36V	25	0-200mA	34	5-95%	44	DC1-5V	F	DC0-1mA		
E	Transmitter	15	0-54V	26	0-2A	35	10-90%	49	SPECIFIED	G	DC0-10mA		
O	SPECIFIED	16	0-110V	27	0-5A	39	SPECIFIED	41/42 nonexciting DC24V	I	DC4-20mA			
		19	SPECIFIED	29	SPECIFIED	Exciting Voltage DC5V(<5mA)		43/44 exciting DC24V (<25mA)	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)
 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
 (輸出負載能力) < 10V for current mode
 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 E² PROM memory
 (記憶方式)
 Insulation Resistance : >100Mohm with 500V DC
 (絕緣阻抗)
 Dielectric strength : 2KVac/1 min. (input/output/power)
 (絕緣耐壓能力) 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)



4.Dimension(unit:mm)(外型尺寸)

