

微電腦型雙輸出類比隔離傳送器

(DUAL OUTPUT MICROPROCESS ANALOG ISOLATED TRANSMITTER)

MODEL
DMAT



■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.....)
- 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2仟伏特/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:DMAT-□ □ □ □ □

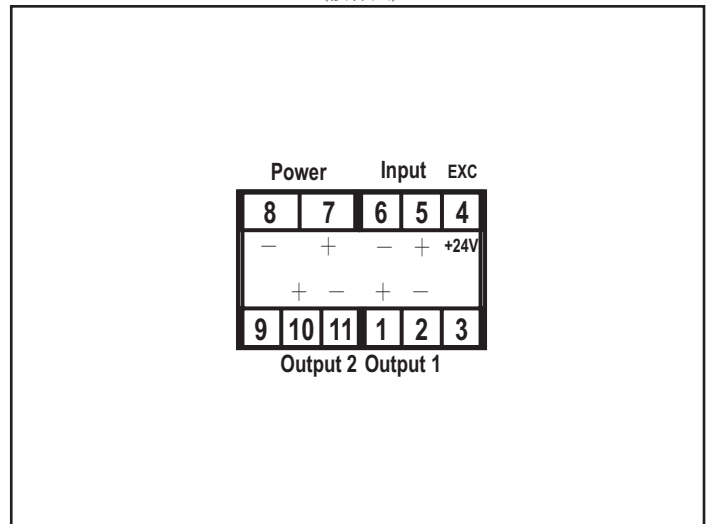
(選購型號)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Output1 Range	NO	Output2 Range	NO	Aux. Power
A	DC	11	0~50mV	22	0~200uA	31	0~10%	41	DC4~20mA	A	0~50mV	A	0~50mV	A	AC/DC 18~60V
B	AC(RMS)	12	0~5V	23	0~2mA	33	0~100%	42	DC1~5V	C	1~5V	C	1~5V	B	AC/DC 90~260V
C	AC(TRMS)	13	0~10V	24	0~20mA	34	5~95%	43	DC4~20mA	D	0~10V	D	0~10V		•Less 4VA for AC/DC input
D	Potentiometer	14	0~36V	25	0~200mA	35	10~90%	44	DC1~5V	F	0~1mA	F	0~1mA		
E	Transmitter	15	0~54V	26	0~2A	39	SPECIFIED	49	SPECIFIED	H	0~20mA	H	0~20mA		
F	Pt-100	16	0~110V	27	0~5A					I	4~20mA	I	4~20mA		
O	SPECIFIED	19	SPECIFIED	29	SPECIFIED					R	SPECIFIED	R	SPECIFIED		

2.SPICIFICATION (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
- 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)

