

微電腦型類比隔離傳送器

(MICROPROCESS ANALOG ISOLATED TRANSMITTER)

MODEL
MAT



■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)
- 輸入與輸出絕緣耐壓2千伏特/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:MAT-□ □ □ □

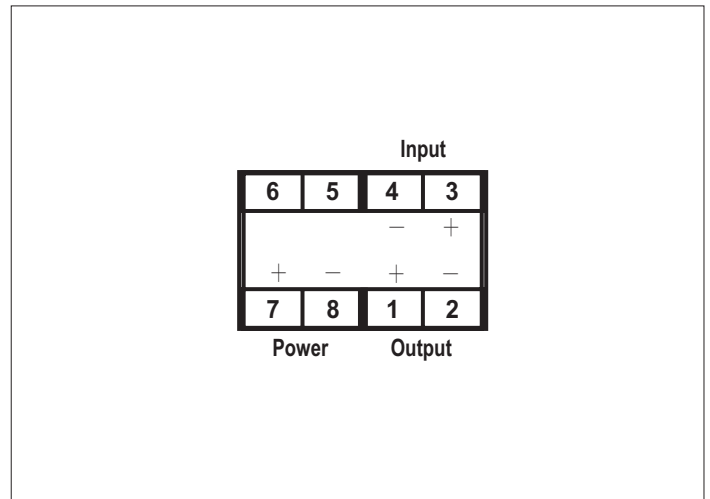
(選購型號)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Load Cell	NO	Output Range	NO	Aux. Power
A	DC	11	0~50mV	22	0~200uA	31	0~10%	41	DC4~20mA	61	2mV/V	A	0~50mV	A	AC/DC 18~60V
B	AC(RMS)	12	0~5V	23	0~2mA	33	0~100%	42	DC1~5V	62	3mV/V	C	1~5V	B	AC/DC 90~260V
C	AC(TRMS)	13	0~10V	24	0~20mA	34	5~95%	43	DC4~20mA	63	2mV/V	D	0~10V	C	AC110V(50/60Hz)±20%
D	Potentiometer	14	0~36V	25	0~200mA	35	10~90%	44	DC1~5V	64	3mV/V	G	0~10mA	D	AC220V(50/60Hz)±20%
E	Transmitter	15	0~54V	26	0~2A	39	SPECIFIED	49	SPECIFIED	69	SPECIFIED	H	0~20mA		•Less 4VA for AC/DC input
F	Pt-100	16	0~110V	27	0~5A							I	4~20mA		
H	Load Cell	19	SPECIFIED	29	SPECIFIED							R	SPECIFIED		

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)
- 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
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001
(CE 認證)

3.TERMINAL CONNECTION (接線圖)



4.DIMENSION(unit:mm) (外型尺寸)

