

特點

- 精確度 0.05% 滿刻度 ±1 位數
- 可量測 交流/直流電流/交流/直流電壓/電位計/傳送器/Pt-100/熱電偶/荷重元/電阻... 等信號
- 顯示範圍 -19999~99999 可任意規劃
- 二迴路類比信號輸入與輸出隔離功能設計
- 輸入1/輸入2與輸出1/輸出2與電源絕緣耐壓 1.5 仟伏特/1 分鐘
- 寬範圍 交流/直流兩用電源設計
- 尺寸小, 穩定性高



1. 選購型號

TYPE:TA-SDMAT-□□□ X□□ - □□□ - XX=00 (One channel input isolated two output)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Transmitter	NO	Pt-100	NO	Load Cell	NO	Thermocouple	NO	Output Range	NO	Aux.Power
A	DC	11	0~50mV	21	0~99.999uA	41	DC4~20mA	54	-200~850°C	61	2mV/V	71	J(-200~760)°C	A	0~50mV	A	AC/DC18~60V
B	AC(RMS)	12	0~5V	22	0~999.99uA	42	DC1~5V	59	SPECIFIED	62	3mV/V	72	K(-200~1360)°C	C	1~5V	B	AC/DC90~260V
C	AC(TRMS)	13	0~10V	23	0~9.9999mA	43	DC4~20mA	• Three wire connection • Exciting current (<1.24mA) • Pt-100 & thermocouple is same input type	63	2mV/V	73	T(-200~395)°C	D	0~10V	• Less 4VA for AC/DC input		
D	Potentiometer	14	0~36V	24	0~99.999mA	44	DC1~5V		64	3mV/V	74	E(-185~990)°C	F	0~1mA			
E	Transmitter	15	0~54V	25	0~999.99mA	49	SPECIFIED	• 41/42 non-exciting DC24V • 43/44 exciting DC24V (<25mA, only input 1)	69	SPECIFIED	75	R(0~1760)°C	H	0~20mA			
F	Pt-100(RTD)	16	0~110V	26	0~2.0000A	• 61/62 Exciting DC5V(<50mA) • 63/64 Exciting DC10V(<50mA) • Input 1/2 is non-isolating	76		S(0~1750)°C	I	4~20mA						
G	Thermocouple	17	0~600V	27	0~5.0000A		77	B(200~1800)°C	R	SPECIFIED							
H	Load Cell	19	SPECIFIED	29	SPECIFIED												
R	Resistor																

2. 主要規格

- Measuring accuracy (精確度) (23±5°C): 0.05% F.S. ±1 digit, 0.1% F.S. ±1 digit (Pt-100), 0.2% F.S. ±1 digit (AC(RMS)), 0.2% F.S. ±0.3°C (CJC)(Thermocouple)
- Sampling time (取樣時間): 16 cycles/sec.
- Readout range (顯示值範圍): -19999~99999 digit adjustable
- Input resistance (輸入阻抗): >1Mohm (<100V ranges), >2Mohm (>100V ranges), >5Mohm (>500V ranges), <0.2VA (Current ranges)
- Analog output resolution (類比輸出解析度): 16 bit DAC (Isolating)
- Response time (輸出反應速度): <250ms (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~±6000 digit adjustable
- Span (scale) range (最大值調整範圍): 0~±6000 digit adjustable
- Temp. coefficient (溫度係數): 50ppm/°C (0~50°C)
- Display (顯示幕): Red high efficiency LEDs high 6.8mm (0.268")
- Parameter setting (參數設定方式): Touch switches
- Memory mode (記憶型式): Flash memory
- Isolation (隔離特性): Input1/Input2/Output1/Output2/Power/Case
- Insulation Resistance (絕緣阻抗): >100Mohm with 500VDC
- Dielectric strength (絕緣耐壓能力): 1.5KVac/1 min. (input1/input2/Output1/Output2/power), 1200Vdc (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)

3. 外型 / 開孔尺寸與配線圖 (unit:mm)

