

特點

- 精確度0.05%滿刻度±1位數
- 可量測交直流電流/交直流電壓/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RS-485隔離功能設計
- 輸入1/輸入2與輸出RS-485與電源絕緣耐壓1.5千伏特/1分鐘
- 寬範圍交直流兩用電源設計
- 尺寸小,穩定性高



1. 選購型號

TYPE:TA-SDMAI-□□□□

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Transmitter	NO	Pt-100	NO	Load Cell	NO	Thermocouple	NO	Resistor	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	91	0~100 ohm(<10mA)	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	93	0~1 Kohm(<1mA)	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	96	0~10 Kohm(<100uA)	• Less 4VA for AC/DC input • Input range(sensor current)		
D	Potentiometer	14	0~36V	24	0~99.999mA	44	DC1~5V		64	3mV/V	74	E(-185~990)°C	97	0~100 Kohm(<10uA)			
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	99	SPECIFIED			
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	66		2mV/V	76	S(0~1750)°C	• CJC traceability <±0.3°C(0~70°C)					
G	Thermocouple	17	0~600V	27	0~5.0000A		67	3mV/V	77	B(200~1800)°C							
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)
- Potentiometer exciting voltage:DC1.24V(<10mA) (電位計電源)
- Load Cell exciting voltage :DC5V/10V(<50mA) (荷重元電源)
- Pt-100 exciting current (Pt-100量測電流) : <1.25mA
- RS-485 address (通訊位址) : "00"~"FF"(0~255)
- RS-485 baud rate (傳輸速度) : 19200/9600/4800/2400 selective
- RS-485 protocol (通信協議) : Modbus RTU mode
- 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) : Non-volatile E²PROM memory
- Isolation (隔離特性) : Input1/Input2/RS-485/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/RS-485/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)

