

5位數微電腦型雙類比輸入(運算功能)盤面式控制電錶 (MICROPROCESS DUAL ANALOG INPUT (MATH FUNCTION) PANEL CONTROLLER METER)

**MODEL
MM2D-D**



■特點(FEATURES)

- 精確度0.03%滿刻度±1位數(Accuracy 0.03% F.S.±1 digit)
- 可同時量測與顯示兩組直流電壓/電流/電位計/傳送器/Pt-100/荷重元 等信號 (Dual input measuring and display DCA/DCV/Potentiometer/Transmitter/Pt-100/Load Cell/etc.....)
- 雙輸入數學運算與顯示功能(Dual input math function A+B/A-B/Ax/B/B)
- 顯示範圍-19999~99999可任意規劃(Programmable rate -19999~99999 digit)
- 4組警報功能(Four alarm function)(optional)
- 16BIT 類比輸出功能(16 bit DAC analog output function)(optional)
- 數位RS-485界面(Digit RS-485 interface function)(optional)

1. MODEL: MM2D-D - (選購型號)

NO	Input Type	NO	DCV	NO	DCA	NO	Transmitter	NO	Pt-100	NO	Load Cell	NO	Alarm	NO	Analog output	NO	RS-485	NO	Aux. Power
A	DC	11	0~50mV	22	0~200uA	41	DC4~20mA	51	-50.00~+50.00°C	61	2mV/V	N	None	0	None	N	None	A	AC/DC18~60V
D	Potentiometer	12	0~5V	24	0~20mA	42	DC1~5V	52	-100.0~+100.0°C	62	3mV/V	Y	YES	1	DC4~20mA	Y	RS-485	B	AC/DC90~260V
E	Transmitter	13	0~10V	25	0~200mA	43	DC4~20mA	53	-200.0~+400.0°C	69	SPECIFIED	*YES=Four alarm *Relay contact (AC250V-5A DC30V-7A)		2	DC0~10V	*Modbus mode		*Less 4VA for AC/DC input	
F	Pt-100(RTD)	15	0~50V	26	0~2A	44	DC1~5V	54	-200.0~+850.0°C	*Exciting DC5V (<50mA)		3	DC4~20mA	*256 nodes on bus					
H	Load Cell	16	0~100V	27	0~5A	49	SPECIFIED	59	SPECIFIED	*Three wire connection		9	SPECIFIED	*Two-wire transmitter (Exciting DC10~36V)					
O	SPECIFIED	17	0~600V	28	0~10A	*43/44 exciting DC24V													
		19	SPECIFIED	29	SPECIFIED														

*Only DC/Transmitter E41/E42:input1 & input2 isolating

2. SPECIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.03% F.S.±1 digit (channel A) / 0.05% F.S.±1 digit (channel B)
- Sampling time (取樣時間) : 10 cycles/sec.
- Readout range (顯示值範圍) : -19999~99999 digit adjustable
- Alarm delay time (繼電器延遲動作時間) : 0~99.9 second adjustable
- Alarm action (繼電器動作方向) : HI or Lo adjustable
- Relay contact output (繼電器容量) : AC 250V-5A, DC 30V-7A
- Analog output resolution: 16 bit DAC (類比輸出解析度)
- 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 / < [(V+)-7.5V]/20mA for two-wire mode / Exciting DC10~36V
- Output ripple (p-p) (輸出之漣波) : < 0.1% F.S.
- RS-485 address (通訊位址) : "01"~"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) : 30ppm/°C (0~50°C)
- Display (顯示幕) : Red high efficiency LEDs high 10.18mm(0.4")
- Parameter setting (參數設定方式) : Touch keys
- Memory mode (記憶型式) : Non-volatile E² PROM memory
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input 1/input 2/output/power) / 1600 Vdc (input/output)
- Operating condition (使用環境條件) : 0~50°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : 0~70°C (20 to 90% RH non-condensed)
- 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. OUTSIDE DIMENSION AND CONNECTION DIAGRAM (外型尺寸與開孔尺寸與配線圖)

