

# ( MICROPROCESS DUAL DISPLAY PANEL CONTROLLER METER )

**MODEL  
MM2D**



## (FEATURES)

- (Accuracy 0.1% F.S.  $\pm 1$  digit)
- (Dual input measuring and display DCA/DCV/ACA/ACV)
- (Programmable rate 0 to  $\pm 19999$  digit)
- (Two alarm function )(optional)
- (15 bit DAC analog output function)(optional)
- (Digit RS-485 interface function)(optional)

## 1.MODEL:MM2D-

NO	Input Type	NO	Input1 Range	NO	Input2 Range	NO	Input1 Alarm	NO	Input2 Alarm	NO	Analog output	NO	RS-485	NO	Aux. Power
A	DC	1	0-50mV	1	0-50mV	0	None	0	None	0	None	N	None	A	AC/DC18-60V
B	AC	2	0-20V	2	0-200mA	1	One	1	One	1	DC4-20mA	Y	RS-485	B	AC/DC90-260V
		3	0-150V	3	0-2A	2	Two	2	Two	2	DC0-10V				
		4	0-300V	4	0-5A	Relay contact (AC250V-3A,DC30V-5A)				9	SPECIFIED				
		9	SPECIFIED	9	SPECIFIED						Isolating(input/output)				Less 4VA for AC/DC input

## 2.SPECIFICATION

- Measuring accuracy : 0.1% F.S.  $\pm 1$  digit  
(23  $\pm 5$  ) 0.2% F.S.  $\pm 1$  digit(AC)
- Readout range : 0-  $\pm 19999$ digit adjustable
- Alarm delay time : 0- 99.9 second adjustable
- Alarm action : HI or Lo adjustable
- Relay contact output : AC 250V-3A, DC 30V-5A
- Analog output resolution : 15 bit DAC
- Response time : < 250ms(0-90%)
- Output drive capability : < 10mA for voltage mode  
< 10V for current mode
- Output ripple (p-p) : < 0.1% F.S.
- RS-485 address : "01"- "FF"
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Temp. coefficient : 100ppm/ (0-50 )
- Display : Red high efficiency LEDs high 10.18 mm(.4")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E<sup>2</sup> PROM memory  
( 記憶型式 )
- Dielectric strength : 2KVac/1 min. (input/output/power)  
1600 Vdc (input/output)
- Operating condition : 0-60 (20 to 90% RH non-condensed)
- Storage condition : 0-70 (20 to 90% RH non-condensed)
- 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

## 3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

