

# 4 1/2位數可程式盤面型數位電錶 (顯示幕0.56"/0.8") (4 1/2 DIGITAL PANEL METER OF PROGRAMMABLE) (DISPLAY 0.56"/0.8")

MODEL  
M2



## 特點(FEATURES)

精確度0.05%滿刻度 ± 1位數(Accuracy 0.05% F.S. ± 1digit)  
 可量測交流直流電流/交直流電壓/電位計/傳送器/Pt-100/荷重元/電阻 等信號  
 (Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Load Cell/Resistor/etc.....)  
 顯示範圍0-19999可任意規劃(Programmable rate 0 to 19999 digit)  
 小數點可任意規劃(Decimal point can be modified)  
 尺寸小,穩定性高(Dimension small and High stability)

## 1. MODEL: M2- (選購型號)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Pt-100	NO	Load Cell	NO	DISPLAY
A	DC	11	0-50mV	21	0-19.999uA	31	0-10%	41	DC4-20mA	51	-50.00-+50.00	61	2mV/V	A	0.56"(14.22mm)
B	AC(RMS)	12	0-5V	22	0-199.99uA	32	0-50%	42	DC1-5V	52	-100.00-+100.00	62	3mV/V	B	0.8"(20.32mm)
C	AC(TRMS)	13	0-10V	23	0-1.9999mA	33	0-100%	43	DC4-20mA	53	-200.0-+400.0	63	2mV/V	M2- programmable rate 0-9999 digit	
D	Potentiometer	14	0-36V	24	0-19.999mA	34	5-95%	44	DC1-5V	54	-200.0-+850.0	64	3mV/V		
E	Transmitter	15	0-54V	25	0-199.99mA	35	10-90%	49	SPECIFIED	59	SPECIFIED	69	SPECIFIED		
F	Pt-100(RTD)	16	0-110V	26	0-2.000A	39	SPECIFIED	41/42 nonexciting DC20V	Three wire connection non-programmable	61/62 Exciting DC5V(<100mA)	63/64 Exciting DC10V(<50mA)				
H	Load Cell	17	0-600V	27	0-5.000A		Three wire connection Exciting voltage DC2.5V(<10mA)	43/44 exciting DC20V(<25mA)							
R	Resistor	18	0-1000V	28	0-10.000A										
O	SPECIFIED	19	SPECIFIED	29	SPECIFIED										

## 2. SPECIFICATION (主要規格)

Measuring accuracy : 0.05% F.S. ± 1 digit  
 (精確度) (23 ± 5) : 0.2% F.S. ± 1 digit(AC(RMS))  
 Sampling time : 2 cycles/sec.  
 (取樣時間)  
 Zero (offset) range : 0- ± 100 digit adjustable  
 (歸零調整範圍)  
 Over input indication : "0000" flash  
 (過載顯示)  
 Display : Red high efficiency LEDs high 14.22mm(.56")  
 (顯示幕) M2- -A  
 Red high efficiency LEDs high 20.32mm(.8")  
 M2- -B  
 Polarity display : When input is negative " \_ " display  
 (極性顯示)  
 Temp. coefficient : 100ppm/ (0-50 )  
 (溫度係數)  
 Dielectric strength : 2KVac/1 min. (input/power)  
 (絕緣耐壓能力)  
 Operating condition : 0-50 (20 to 90% RH non-condensed)  
 (使用環境條件)  
 Storage condition : 0-70 (20 to 90% RH non-condensed)  
 (存放環境條件)  
 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. Program of span and zero and decimal point set

(顯示值之小數點設定與歸零值與最大值校正位置圖)



最大值微調 歸零微調 最大值粗調

## 4. OUTSIDE DIMENSION AND CONNECTION DIAGRAM (外型尺寸與開孔尺寸與配線圖)

**(DC, AC, TC, R)**

1	2	3	4	5	6	7	8	9	10
IN		IN					220V	110V	0V
(HI)		(Lo)					AC SOURCE		

**(Potentiometer)**

1	2	3	4	5	6	7	8	9	10
IN	EXC		IN				220V	110V	0V
(HI)			(Lo)				AC SOURCE		

**(Pt-100)**

1	2	3	4	5	6	7	8	9	10
B1	B2		A				220V	110V	0V
							AC SOURCE		

**(Two-wire Transmitter)**

1	2	3	4	5	6	7	8	9	10
EXC			IN				220V	110V	0V
20V							AC SOURCE		

**(Load Cell)**

1	2	3	4	5	6	7	8	9	10
IN	EXC	COM	IN				220V	110V	0V
(HI)			(Lo)				AC SOURCE		