

# 3 1/2位數可程式盤面型數位電錶(顯示幕0.56"/0.8")

(3 1/2 DIGITAL PANEL METER OF PROGRAMMABLE)(DISPLAY 0.56"/0.8")

MODEL  
M1

## 特點(FEATURES)



- 精確度0.1%滿刻度 ± 1位數(Accuracy 0.1% 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0-1999可任意規劃(Programmable rate 0 to 1999 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:M1-

(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	0-19.99uA	31	0-10%	41	DC4-20mA	51	-50.0-+50.0	61	2mV/V	A	0.56"(14.22mm)
B	AC(RMS)	12	0-5V	22	0-199.9uA	32	0-50%	42	DC1-5V	52	-100.0-+100.0	62	3mV/V	B	0.8"(20.32mm)
C	AC(TRMS)	13	0-10V	23	0-1.999mA	33	0-100%	43	DC4-20mA	53	-199.9-+199.9	63	2mV/V		
D	Potentiometer	14	0-36V	24	0-19.99mA	34	5-95%	44	DC1-5V	54	0-+850	64	3mV/V		
E	Transmitter	15	0-54V	25	0-199.9mA	35	10-90%	49	SPECIFIED	55	-200-+850	69	SPECIFIED		
F	Pt-100(RTD)	16	0-110V	26	0-1.999A	39	SPECIFIED			59	SPECIFIED				
H	Load Cell	17	0-600V	27	0-5.00A				41/42 nonexciting DC20V				61/62 Exciting DC5V(<100mA)		
R	Resistor	18	0-1000V	28	0-10.00A				43/44 exciting DC20V(<25mA)				63/64 Exciting DC10V(<50mA)		
O	SPECIFIED	19	SPECIFIED	29	SPECIFIED				Three wire connection Exciting voltage DC2.5V(<10mA)				Three wire connection non-programmable		

## 2.SPECIFICATION (主要規格)

- Aux. power supply : AC110V & 220V ± 20%(50/6Hz)  
(輔助電源)
- Measuring accuracy : 0.1% 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)
- Readout range : 0~ ± 1999 digit adjustable  
(顯示值範圍)
- Zero (offset) range : 0- ± 100 digit adjustable  
(歸零調整範圍)
- Over input indication : " 1 " or " -1 "  
(過載顯示)
- Display : Red high efficiency LEDs high 14.22mm(.56")  
(顯示幕) M1- -A  
Red high efficiency LEDs high 20.32mm(.8")  
M1- -B
- Polarity display : When input is negative " \_ " display  
(極性顯示)
- Temp. coefficient : 50ppm/ (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)

## 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)



## 4.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

(外型尺寸與開孔尺寸與配線圖)

開孔尺寸圖  
PANEL CUT-OUT

92mm+0.8  
-0

45mm +0.8  
-0

(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		