

# 5 位數微電腦型盤面式電錶(顯示幕0.8")

## ( 5 DIGIT MICROPROCESS PANEL METER )(DISPLAY 0.8")

**MODEL  
MMX-1**



### 特點(FEATURES)

- 精確度0.1%滿刻度 ± 1位數(Accuracy 0.1% F.S. ± 1digit)
- 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  
(Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Thermocouple/Load Cell/Resistor/etc.....)
- 顯示範圍-19999-99999可任意規劃(Programmable rate -19999 to 99999 digit)
- 具有自動歸零或保持或雙顯示功能(Auto zero or hold or dual display function)(optional)
- 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:MMX-1-

(選購型號)

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Pt-100	NO	Load Cell	NO	Thermocouple	NO	Aux.Power
A	DC	11	0-50mV	21	0-19.999uA	31	0-10%	41	DC4-20mA	51	-50.00~+50.00	61	2mV/V	71	J(-200-760 )	A	AC110/220V
B	AC(RMS)	12	0-5V	22	0-199.99uA	32	0-50%	42	DC1-5V	52	-100.00~+100.00	62	3mV/V	72	K(-200-1360 )	O	SPECIFIED
C	AC(TRMS)	13	0-10V	23	0-1.9999mA	33	0-100%	43	DC4-20mA	53	-200.0~+400.0	63	2mV/V	73	T(-200-395 )	± 20% of rate less 3VA for AC input (50/60Hz)	
D	Potentiometer	14	0-36V	24	0-19.999mA	34	5-95%	44	DC1-5V	54	-200.0~+850.0	64	3mV/V	74	E(-185-990 )		
E	Transmitter	15	0-54V	25	0-199.99mA	35	10-90%	49	SPECIFIED	59	SPECIFIED	69	SPECIFIED	75	R(0-1760 )		
F	Pt-100(RTD)	16	0-110V	26	0-2.000A	39	SPECIFIED	41/42 nonexciting DC20V 43/44 exciting DC20V (<25mA)	Three wire connection non-programmable	61/62 Exciting DC5V(<100mA) 63/64 Exciting DC10V(<50mA)	76	S(0-1750 )					
G	Thermocouple	17	0-600V	27	0-5.000A	Three wire connection Exciting voltag DC2.5V(<10mA)	77				B(200-1800 )						
H	Load Cell	18	0-1000V	28	0-10.000A		R	19	SPECIFIED	29	SPECIFIED	CJC traceability < ±0.5 (0-70 )					

### 2.SPECIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. ± 1 digit  
(精確度) (23 ± 5 ) 0.2% F.S. ± 1 digit(AC(RMS))  
0.2% F.S. ± 0.5 (CJC)
- Sampling time : 16 cycles/sec.  
(取樣時間)
- Readout range : -19999 ~ 99999 digit adjustable  
(顯示值範圍)
- Zero (offset) range : -19999 ~ 99999 digit adjustable  
(歸零調整範圍)
- Over input indication : " doFL " or "-doFL"  
(過載顯示)
- Display : Red high efficiency LEDs high 20.32mm(0.8")  
(顯示幕)
- Polarity display : When input is negative " \_ " display  
(極性顯示)
- Temp. coefficient : 50ppm/ (0-50 )  
(溫度係數)
- Parameter setting : Touch switches  
(參數設定方式)
- Memory mode : Non-volatile E<sup>2</sup> PROM memory  
(記憶型式)
- Dielectric strength : 2KVac/1 min. (input/power)  
(絕緣耐壓能力)
- Operating condition : 0-60 (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  
(CE 認證)  
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)

側視圖

開孔尺寸圖  
PANEL CUT-OUT

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

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

**(Potentiometer)**

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

**(Pt-100)**

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

**(Two-wire Transmitter)**

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

**(Load Cell)**

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