

# 5 DIGIT MICROPROCESS PANEL METER (DISPLAY 0.8")

**MODEL  
MMX-1**



## ■ FEATURES

- Accuracy 0.05% F.S. ±1digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Thermocouple/Load Cell/Resistor/etc.....
- Programmable rate-19999 to 99999 digit
- Auto zero or hold or root or dual display function (optional)
- Decimal point can be modified
- Dimension small and High stability

## 1.MODEL:MMX-1- □ □ □

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°C	61	2mV/V	71	J(-200~760°C)	A	AC110/220V
B	AC(RMS)	12	0~5V	22	0~199.99uA	32	0~50%	42	DC1~5V	52	-100.00~+100.00°C	62	3mV/V	72	K(-200~1360°C)		•±20% of rate less 3VA for AC input (50/60Hz)
C	AC(TRMS)	13	0~10V	23	0~1.9999mA	33	0~100%	43	DC4~20mA	53	-200.0~+400.0°C	63	2mV/V	73	T(-200~395°C)		
D	Potentiometer	14	0~36V	24	0~19.999mA	34	5~95%	44	DC1~5V	54	-200.0~+850.0°C	64	3mV/V	74	E(-185~990°C)		
E	Transmitter	15	0~54V	25	0~199.99mA	35	10~90%	49	SPECIFIED	59	SPECIFIED	69	SPECIFIED	75	R(0~1760°C)		
F	Pt-100(RTD)	16	0~110V	26	0~2.000A	39	SPECIFIED							76	S(0~1750°C)		
G	Thermocouple	17	0~600V	27	0~5.000A				•41/42 nonexciting DC20V		•Three wire connection non-programmable		•61/62 Exciting DC5V(<100mA)	77	B(200~1800°C)		
H	Load Cell	18	0~1000V	28	0~10.000A				•43/44 exciting DC20V (<25mA)				•63/64 Exciting DC10V(<50mA)		•CJC traceability <±0.5°C(0~70°C)		
R	Resistor	19	SPECIFIED	29	SPECIFIED												

## 2.SPECIFICATION

- Measuring accuracy : 0.05% F.S. ±1 digit (23±5°C)  
0.2% F.S. ±1 digit(AC(RMS))  
0.2% F.S. ±0.5°C (CJC)
- Sampling time : 16 cycles/sec.
- Readout range : -19999~99999 digit adjustable
- Zero (offset) range : -19999~99999 digit adjustable
- Over input indication : " doFL " or "-doFL"
- Display : Red high efficiency LEDs high 20.32mm(0.8")
- Polarity display : When input is negative " - " display
- Temp. coefficient : 50ppm/°C (0~50°C)
- Parameter setting : Touch switches
- Memory mode : Non-volatile E<sup>2</sup> PROM memory
- Dielectric strength : 2KVac/1 min. (input/power)
- Operating condition : 0~50°C (20 to 90% RH non-condensed)
- Storage condition : 0~70°C (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

