

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

**MODEL M1**



## ■ FEATURES

- Accuracy 0.1% F.S.±1digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Load Cell/Resistor/etc.....
- Programmable rate 0 to 1999 digit
- Decimal point can be modified
- Dimension small and High stability

## 1.MODEL:M1-

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°C	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°C	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°C	63	2mV/V		
D	Potentiometer	14	0~36V	24	0~19.99mA	34	5~95%	44	DC1~5V	54	0~+850°C	64	3mV/V		
E	Transmitter	15	0~54V	25	0~199.9mA	35	10~90%	49	SPECIFIED	55	-200~+850°C	69	SPECIFIED		
F	Pt-100(RTD)	16	0~110V	26	0~1.999A	39			•41/42 nonexciting DC20V	59	SPECIFIED				
H	Load Cell	17	0~600V	27	0~5.00A				•43/44 exciting DC20V(<25mA)				•61/62 Exciting DC5V(<100mA)		
R	Resistor	18	0~1000V	28	0~10.00A				•Three wire connection DC2.5V(<10mA)				•63/64 Exciting DC10V(<50mA)		
O	SPECIFIED	19	SPECIFIED	29	SPECIFIED										

## 2.SPECIFICATION

- Aux. power supply : AC110V & 220V±20%(50/60Hz)
- Measuring accuracy : 0.1% F.S.±1 digit (23±5°C) 0.2% F.S.±1 digit(AC(RMS))
- Sampling time : 2.5 cycles/sec.
- Readout range : 0~±1999 digit adjustable
- Zero (offset) range : 0~±100 digit adjustable
- Over input indication : " 1 " or " -1 "
- Display : Red high efficiency LEDs high 14.22mm(0.56")M1-□□□A Red high efficiency LEDs high 20.32mm(0.8")M1-□□□B
- Temp. coefficient : 50ppm/°C (0~50°C)
- 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.Program of span and zero and decimal point set



## 4.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

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

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

**(Potentiometer)**

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

**(Load Cell)**

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