

# MICROPROCESS PANEL MONITOR METER, 48x96mm

**MODEL  
MCM-1**



## ■ FEATURES

- Accuracy 0.1% F.S. ±1 digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Load Cell/Resistor/etc.....
- Programmable rate -1999~9999 digit
- Anomalism current and anomalism time (max.9 times) can be recode
- Over/under/over and under/band monitoring can be modified
- Dimension small and High stability

1. MODEL: MCM-1 -

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Pt-100	NO	Load Cell	NO	Aux. Power
A	DC	11	0~50mV	21	0~9.999uA	31	0~10%	41	DC4~20mA	51	-50.0~+50.0°C	61	2mV/V	A	AC110/220V
B	AC(RMS)	12	0~5V	22	0~99.99uA	32	0~50%	42	DC1~5V	52	-100.0~+100.0°C	62	3mV/V		*±20% of rate less 3VA for AC input (50/60Hz)
C	AC(TRMS)	13	0~10V	23	0~999.9uA	33	0~100%	43	DC4~20mA	53	-199.9~+199.9°C	63	2mV/V		
D	Potentiometer	14	0~36V	24	0~9.999mA	34	5~95%	44	DC1~5V	54	0~+850.0°C	64	3mV/V		
E	Transmitter	15	0~54V	25	0~99.99mA	35	10~90%	49	SPECIFIED	55	-199.9~+850.0°C	69	SPECIFIED		
F	Pt-100(RTD)	16	0~110V	26	0~2.000A	39	SPECIFIED	59	SPECIFIED						
H	Load Cell	17	0~600V	27	0~5.000A			*41/42 nonexciting DC24V				*61/62 Exciting DC5V(<100mA)			
R	Resistor	18	0~1000V	28	0~9.999A			*43/44 exciting DC24V (<25mA)				*63/64 Exciting DC10V(<50mA)			
O	SPECIFIED	19	SPECIFIED	29	SPECIFIED			•Three wire connection •Exciting voltage DC2.5V(<10mA)							

## 2. SPECIFICATION

- Aux. power supply : AC110V&220V±20%(50 or 60Hz)
- Measuring accuracy : 0.1% F.S. ±1 digit  
(23±5°C) 0.2% F.S. ±1 digit(AC)
- Sampling time : 4 cycles/sec.
- Readout range : -1999~+9999 digit adjustable
- Start delay time : 0~99.9 second adjustable
- Alarm delay time : 0~99.9 second adjustable
- Alarm hysteresis range : 0~999 digit adjustable
- Alarm action : HI /LO/GO/HL can be modified
- Relay contact output : AC 250V-5A, DC 30V-7A
- Over input indication : "doFL"
- Temp. coefficient : 50ppm/°C (0~50°C)
- Display : Red high efficiency LEDs high 14.22mm(0.56")(PV)  
Red high efficiency LEDs high 7.0mm(0.276")(NO)
- Parameter setting : Touch switches
- Memory mode : Non-volatile E<sup>2</sup> PROM memory
- Dielectric strength : 2KVac/1 min. (input/output/power)  
1600Vdc(input/output)
- 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

