

# 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	61	2mV/V	A	AC110V/220V
B	AC(RMS)	12	0-5V	22	0-99.99uA	32	0~50%	42	DC1-5V	52	-100.0~+100.0	62	3mV/V	B	SPECIFIED
C	AC(TRMS)	13	0-10V	23	0-999.9uA	33	0~100%	43	DC4-20mA	53	-199.9~+199.9	63	2mV/V		± 20% of rate less 3VA for AC input (50/60Hz)
D	Potentiometer	14	0-36V	24	0-9.999mA	34	5~95%	44	DC1-5V	54	0~+850.0	64	3mV/V		
E	Transmitter	15	0-54V	25	0-99.99mA	35	10~90%	49	SPECIFIED	55	-199.9~+850.0	69	SPECIFIED		
F	Pt-100(RTD)	16	0-110V	26	0-2.000A	39	SPECIFIED	41/42 nonexciting DC24V	59	SPECIFIED	61/62 Exciting DC5V(<100mA)				
H	Load Cell	17	0-600V	27	0-5.000A			43/44 exciting DC24V (<25mA)			63/64 Exciting DC10V(<50mA)				
R	Resistor	18	0-1000V	28	0-9.999A		Three wire connection Exciting voltage DC2.5V(<10mA)			Three wire connection					
O	SPECIFIED	19	SPECIFIED	29	SPECIFIED										

## 2.SPECIFICATION

- Aux. power supply : AC110V&220V ± 20%(50 or 60Hz)
- Measuring accuracy : 0.1% F.S. ± 1 digit  
(23 ± 5 ) 0.2% F.S. ± 1 digit(AC)
- Sampling time : 16 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/ (0-50 )
- Display : Red high efficiency LEDs high 14.22mm(.56")(PV)  
Red high efficiency LEDs high 7.0mm(.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 (20 to 90% RH non-condensed)
- Storage condition : 0-70 (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

