

MICROPROCESS 6 CHANNEL ANALOG INPUT PANEL METER

MODEL
MM8A



FEATURES

- Accuracy 0.05% F.S. ± 1 digit
- Measuring six channel DCA/DCV/Pt-100/Thermocouple/etc...
- Programmable rate -1999 to 9999 digit
- Input channel number(1~6) can be modified
- Digit Rs-485 interface function (optional)

1.MODEL:MM8A-

NO	Input Type (Input range)	NO	Input Type (Input range)	NO	RS-485	NO	Aux.Power
A	DCV:0~ ± 500 mV/ ± 1 V/ ± 2 V/ ± 5 V/ ± 10 V	D	DCV:0~ ± 25 mV/ ± 50 mV/ ± 100 mV/ ± 500 mV/ ± 1 V	N	None	A	AC/DC18~60V
B	DCA:0~ ± 20 mA(inclusion DC4~20mA)		Thermocouple:J(-200~760°C)/K(-200~1360°C)	Y	RS-485	B	AC/DC90~260V
C	Pt-100(DIN):(-200.0~+850.0°C)		T(-200~395°C)/E(-185~990°C)/R(0~1760°C)		• Modbus mode		• Less 3VA for AC/DC input
			S(0~1760°C)/B(200~1800°C)				

2.SPECIFICATION

- Measuring accuracy : 0.05% F.S. ± 1 digit(mV,V,mA)
(23 ± 5 °C)
0.1% F.S. ± 1 digit(Pt-100)
0.2% F.S. ± 0.5 °C (CJC)(Thermocouple)
- Cold junction compensation : ± 0.5 °C (0~70°C)
- Readout range : -1999~9999 digit adjustable
- Over input indication : " doFL " or "-doFL"
- Polarity display : When input is negative " - " display
- Zero (offset) range : 0~ ± 999 digit adjustable(individuality channel)
- Span (scale) range : 0~ ± 999 digit adjustable(individuality channel)
- Sampling time : 1 cycles/sec.(total)
- RS-485 address : "01"~"FF"(0~255)
- RS-485 baud rate : 38400/19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Display : Red high efficiency LEDs high 7mm(0.28")
- Temp. coefficient : 50ppm/°C (0~50°C)
- Parameter setting : Touch switches
- Memory mode : Non-volatile E² 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

