MICROPROCESS PANEL CONTROLLER METER (24x48mm)

MODEL MMX-AS

■FEATURES

- Accuracy 0.05% F.S. ± 1digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Load Cell/Resistor/etc.....)
- Programmable rate -19999~99999 digit
- Auto zero/hold/ROOT function
- Max. two alarm function (optional)
- 16 bit DAC analog output function (optional)
- Digit RS-485 interface function (optional)

1.MODEL:MMX-AS□ □□ - □ □ □ □

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Load Cell	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux. Power
A	DC	11	0-50mV	21	0-19.999uA	31	0~10%	61	2mV/V	0	None	0	None	N	None	A	AC/DC18-60V
B	AC(RMS)	12	0-5V	22	0-199.99uA	32	0~50%	62	3mV/V	1	One	1	DC4-20mA	Y	RS-485	B	AC/DC90-260V
C	AC(TRMS)	13	0-10V	23	0-1.9999mA	33	0~100%	63	2mV/V	2	Two	2	DC0-10V				
D	Potentiometer	14	0-36V	24	0-19.999mA	34	5~95%	64	3mV/V			9	SPECIFIED				
E	Transmitter	15	0-54V	25	0-199.99mA	35	10~90%	69	SPECIFIED								
F	Pt-100(RTD)	16	0-110V	26	0-1.9999A	39	SPECIFIED										
G	Thermocouple	17	0-600V	27	0-5.000A												
H	Load Cell	19	SPECIFIED	29	SPECIFIED												
R	Resistor																

- Three wire connection
- Exciting voltage DC2.5V(<10mA)
- 61/62 Exciting DC5V(<50mA)
- 63/64 Exciting DC10V(<50mA)
- Relay contact (AC250V-2.5A, DC30V-5A)
- Modbus mode
- Less 4VA for AC/DC input

2.SPECIFICATION

- Measuring accuracy ((23 ± 5℃) : 0.05% F.S. ± 1 digit
  0.2% F.S. ± 1 digit(AC(RMS))
  0.2% F.S. ± 0.5℃ (CJC)(Thermocouple)
- Sampling time : 16 cycles/sec.
- Readout range : -19999 ~ 99999 digit adjustable
- Alarm delay time : 0- 99.9 second adjustable
- Alarm action : HI or Lo adjustable
- Relay contact output : AC 250V-2.5A, DC 30V-5A
- Analog output resolution : 16 bit DAC
- Response time : < 250ms(0-90%)
- Output drive capability : < 10mA for voltage mode
  < 10V for current mode
- Output ripple (p-p) : < 0.1% F.S.
- RS-485 address : "01"-"FF"
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Temp. coefficient : 50ppm/℃ (0-50℃)
- Display : Red high efficiency LEDs high 10.16mm(0.4")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E^2 PROM memory
- Dielectric strength : 1.5KVac/1 min. (input/output/power)
  1600 Vdc (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