

MICROPROCESS PANEL CONTROLLER METER (DISPLAY 0.8")

MODEL
F-MMX-A



FEATURES

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

1. Model: F-MMX-A

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Alarm output	NO	Analog output	NO	RS-485	NO	Aux. Power
A	DC	11	0-50mV	21	0-19.999 μ A	31	0-10%	41	DC4-20mA	0	None	0	None	N	None	A	AC/DC18-60V
B	AC(RMS)	12	0-5V	22	0-199.99 μ A	32	0-50%	42	DC1-5V	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%	43	DC4-20mA	2	Two	2	DC0-10V	Modbus mode			Less 5VA for AC/DC input
D	Potentiometer	14	0-36V	24	0-19.999mA	34	5-95%	44	DC1-5V	3	Three	3	DC4-20mA				
E	Transmitter	15	0-54V	25	0-199.99mA	35	10-90%	49	SPECIFIED	4	Four	9	SPECIFIED				
F	Pt-100(RTD)	16	0-110V	26	0-1.9999A	39	SPECIFIED	41/42 nonexciting DC24V 43/44 exciting DC24V(<25mA)	Relay contact (AC250V-5A,DC30V-7A)	Two-wire transmitter (Exciting voltage DC10-36V)							
H	Load Cell	17	0-600V	27	0-5.000A		Three wire connection Exciting voltage DC2.5V(<10mA)										
R	Resistor	18	0-1000V	28	0-10.000A												
O	SPECIFIED	19	SPECIFIED	29	SPECIFIED												

2. SPECIFICATION

- Measuring accuracy : 0.05% F.S. ± 1 digit
(23 ± 5) 0.2% F.S. ± 1 digit(AC(RMS))
- 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-5A, DC 30V-7A
- Analog output resolution : 15 bit DAC
- Response time : < 250ms(0-90%)
- Output drive capability : < 10mA for voltage mode
< 10V for current mode
< [(V+)-7.5V]/20mA for two-wire 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 20.32mm(0.8")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E² PROM memory
- Dielectric strength : 2KVac/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

