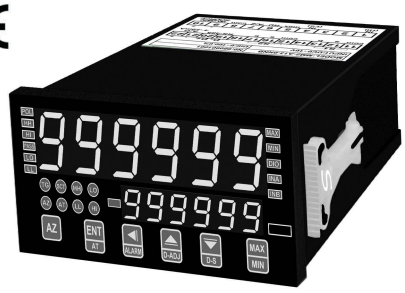
6 DIGITAL HIGH SPEED MICROPROCESS PANEL CONTROLLER METER (DISPLAY 0.56")

MODEL MMX-H



■ FEATURES

- Accuracy 0.01% F.S.±3 digit
- Measuring DCA/DCV/Potentiometer/Transmitter/Load Cell/etc.....
- Programmable rate -199999 to 999999 digit
- High speed sampling times 2000 Hz
- Auto-tracing compensation for Zero-area value(<0.1%F.S.)
- Display auto zero/hold/reset function
- Max. four alarm additional PASS output function (optional)
- 16 bit DAC analog output function (optional)
- Digit RS-485 interface function (optional)
- Protection class NEMA4/IP64

1.MODEL:MMX-H□ □□ - □ □ □ □

NO	Input Type
A	DC
D	Potentiometer
E	Transmitter
H	Load Cell
O	SPEDIFIED

NO	DCV
11	0~±100mV
12	•0~5V/1~5V/ 0~10V/2~10V
13	0~±10V
16	0~±100V
17	0~±600V

NO	DCA
22	0~±100uA
24	0~20mA/4~20mA
25	0~±100mA
28	0~±10A
29	SPECIFIED

NO	Potentiometer
33	0~100%
39	SPECIFIED

•Exciting DC5V (<50mA)

NO	Transmitter
41	0~5V/1~5V 0~10V/2~10V
42	0~20mA/4~20mA

•Exciting DC±12V(<50mA) DC24V(<50mA)

NO	Load Cell
51	0~±1mV/V
52	0~±2mV/V
53	0~±3mV/V
59	SPECIFIED

•Exciting DC10V (<60mA)

NO	Alarm output
0	None
1	HI/PASS/LO Relay
2	HH/HI/PASS/LO/LL Relay
3	HH/HI/PASS/LO/LL Tr(NPN)

•Relay contact(AC250V-5A) •Tr.output (NPN,<60V/100mA)

NO	Analog output
0	None
1	DC0/4~20mA
2	DC0/1~5V
3	DC0/2~10V

•1/2/3 can be modified for Jumper

NO	RS-485
N	None
Y	RS-485

•Modbus mode •256 nodes on bus

NO	Aux.Power
A	AC/DC18~60V
B	AC/DC90~260V

•Less 5VA for AC/DC input

2.SPECIFICATION

- Measuring accuracy (23±5℃) : 0.01% F.S.±3 digit
- Sampling time : 2000 cycles/sec.(one input)
- Readout range : -999999~999999digit adjustable
- Display refresh period : 0.1/0.5/1.0/2.0/4.0 second selective
- Auto-tracing compensation : 0~999 digit
- Timing Hold function : Normal(not hold)/S-H(sample hold)/P-H(peak hold) b-H(bottom hold)/P-P-H(peak topeak hold)
- Alarm output compare pattern: Normal/Zone/Level selective
- Alarm output response time : <10mS(relay output) <0.5mS (transistor output)
- Alarm ON/OFF delay time : 0~999.99 second adjustable
- Alarm one-shot output time : 0~999.99 second adjustable
- Alarm output logie : "n-o"(normal is open)/ "n-c"(normal is close) selective
- Relay contact output : AC 250V-5A, DC 30V-7A
- Transistor output : Photo couple of open-collector (max.DC60V/100mA)
- Analog output resolution : 16 bit DAC
- Analog output response time : < 50ms(0~90%)
- Output drive capability : < 10mA for voltage mode < 10V for current mode
- RS-485 address : "01"~"FF"(0~255)
- RS-485 baud rate : 38400/19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode
- Temp. coefficient : 10ppm/℃ (0~50℃)
- Display : Red high efficiency LEDs high 14.22mm(0.56")(PV) Red high efficiency LEDs high 7.00mm(0.28")(SV)
- Memory mode : Non-volatile E^2 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