

MULTI-FUNCTION RS-485 CONTROLLER METER (DISPLAY 0.8")

**MODEL
MMX-RSM**



■ FEATURES

- Analog output accuracy $\pm 0.05\%$ F.S.
- Readout range from -19999~99999 digit
- DC4~20.000mA/0~20.000mA/0~10.000V
(Calibrator analog output for DC4~20.000mA/0~20.000mA/0~10.000V)
- Modbus RTU mode for RS-485 protocol
- Four relay output function (optional)
- 16 bit DAC analog output function (optional)
- Dimension small and High stability

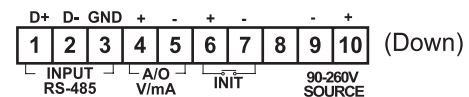
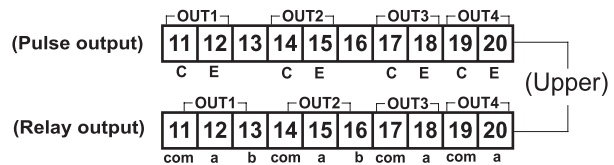
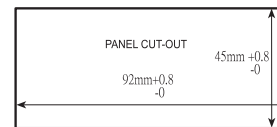
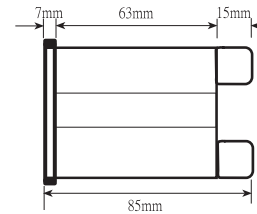
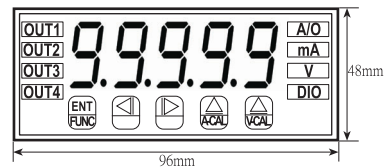
1. MODEL: MMX-RSM-□ □ □

NO	Relay output	NO	Analog output	NO	Aux. Power
N	None	N	None	A	AC/DC18~60V
R	Relay(Four)	Y	DC0~10V	B	AC/DC90~260V
P	Pulse(Four)		DC4~20mA/0~20mA		•Less3VA for AC/DC input

2. SPECIFICATION

- Analog output accuracy : $\pm 0.05\%$ F.S.
(23 $\pm 5^\circ\text{C}$)
- Readout range : -19999~99999 digit (RS-485)
DC0~10.000V(Voltage)
DC4~20.000mA/0~20.000mA(current)
- Analog output range : DC0~10V/4~20mA/
0~20mA(can be modified)
- Analog output resolution : 16 bit DAC
- Analog output slope : 0.125~1024mA/sec.(current output)
0.0625~512V/sec.(voltage output)
- Output drive capability : < 10mA for voltage mode
< 10V for current mode
- Relay contact output : AC 250V-5A, DC 30V-7A
- Pulse output type : Photo couple of open-collector
(Max.DC60V/120mA)
- Relay response time : < 6ms(Relay on time)
< 4ms(Relay off time)
- RS-485 address : "00"~"FF"(0~255)
- RS-485 baud rate : 19200/9600/4800/2400 selective
- RS-485 protocol : Modbus RTU mode(250 nodes on bus)
- Temp. coefficient : 50ppm/ $^\circ\text{C}$ (0~50 $^\circ\text{C}$)(Analog output)
- 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 $^\circ\text{C}$ (20 to 90% RH non-condensed)
- Storage condition : 0~70 $^\circ\text{C}$ (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



Note: When INIT=One-short ON(>100ms)

- 1:A/O DC4~20mA=4mA
- 2:A/O DC0~20mA=0mA
- 3:A/O DC0~10V=0V
- 4:RS-485 is address=00,baud rate=9600,no checksum