

MULTI-FUNCTION RS-485 CONTROLLER METER (24x48mm)

**MODEL
MMX-RSMS**

■ 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
- Two relay output function (optional)
- 16 bit DAC analog output function (optional)
- Dimension small and High stability

1. MODEL: MMX-RSMS-□ □ □

NO	Relay output	NO	Analog output	NO	Aux. Power
N	None	N	None	A	AC/DC18~60V
R	Relay(Two)	Y	DC0~10V DC4~20mA/0~20mA	B	AC/DC90~260V
P	Pulse(Two)				•Less 1.5VA 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-2.5A, DC 30V-5A
- Pulse output type : Photo couple of open-collector
(Max.DC30V/40mA)
- Relay response time : < 6ms(Relay on time)
< 4ms(Relay off time)
- RS-485 address : "01"~"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
10.16mm(0.4")
- Parameter setting : Touch switches
- Memory mode : Non-volatile E² PROM memory
- Dielectric strength : 1.5KVac/1 min. (input/output/power)
1600 Vdc (input/power)
- 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

