



### ■ FEATURES

- Accuracy 0.05% F.S.±1digit
- Measuring and display DCV/DCA/W(KW)/WH(KWH)
- Auto range (DC0~99.99V/0~600.0V) for voltage input function
- Programmable rate 0 to 9999 digit (DCA/W(KW)),0 to 99999999 digit (WH(KWH))
- Digit RS-485 interface function (optional)

### 1.MODEL:MMX-D

NO	Input DCA	NO	RS-485
1	0~50mV(SHUNT)	N	None
2	0~2.000A	Y	RS-485
3	0~10.00A		
9	SPECIFIED		•Modbus mode

### 2.SPECIFICATION

- Aux.power supply :DC8~60V
- Aux.power consumption :DC12V(<0.34VA)(+RS485<0.42VA)  
DC24V(<0.36VA)(+RS485<0.43VA)  
DC48V(<0.41VA)(+RS485<0.48VA)
- Measuring accuracy (23±5°C) :0.05% F.S. ±1 digit
- Measurement range :Auto-range(DC0~99.99V/0~600.0V)
- Input resistance :>4M ohm(DC voltage)
- Sampling time :10 cycles/second(total)
- Readout range :0~9999 digit (DCA/W(KW))  
0~99999999 digit (WH/(KWH))
- RS-485 address :"01"~"FF"(0~255)
- RS-485 baud rate :19200/9600/4800/2400 selective
- RS-485 protocol :Modbus RTU mode
- Temp. coefficient :50ppm/°C (0~50°C)
- Display :Bright Red LEDs high 10.16mm(0.4")
- Parameter setting :Touch switches
- Memory mode :Non-volatile E<sup>2</sup>PROM memory
- Dielectric strength :2KVac/1 min.(input/output)(RS-485(Isolating))  
1600Vdc(input/output)(RS-485(Isolating))
- Operating condition :0~50°C (20 to 90% RH non-condensed)
- Storage condition :0~70°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  
EN55024:1998/A1:2001

### 3.OUTSIDE DIMENSION AND CONNECTION DIAGRAM

