MICROPROCESS MATH FUNCTION ISOLATED TRANSMITTER)

MODEL MMT

■ FEATURES

- Accuracy 0.1%F.S.
- Math function A+B/A-B/AxB/A/B/A&B(Hi&Lo)/|A|/√A /etc.....
- 16 bit DAC isolating analog output function
- Dielectric strength 2KVac/1min. (input/output/power)
- Wide input range for auxiliary power
- Dimension small and High stability

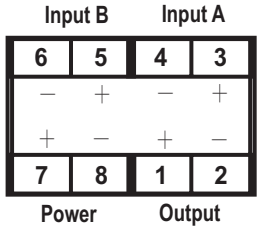
1.MODEL:MMT-□ □□-□ □

NO	Input Type	NO	Input A Range	NO	Input A Range	NO	Input B Range	NO	Output Range	NO	Output Range	NO	Aux. Power
A	A±B	1	0~50mV	6	0~1mA	1	0~50mV	A	0~50mV	F	0~1mA	A	AC/DC 18~60V
B	AxB(A/B)	2	0~5V	7	0~20mA	3	0~10V	B	0~1V	G	0~10mA	B	AC/DC 90~260V
C	A&B(Hi or Lo)	3	0~10V	8	4~20mA	6	0~1mA	C	1~5V	H	0~20mA	C	AC110V(50/60Hz)±20%
D	|A|	4	2~10V	9	SPECIFIED	8	4~20mA	D	0~10V	I	4~20mA	D	AC220V(50/60Hz)±20%
E	√A	5	-10~+10V			9	SPECIFIED	E	2~10V	R	SPECIFIED	• Less 3VA for AC/DC input	

2.SPCIFICATION

- Measuring accuracy : 0.1% F.S. (23±5℃)
- Readout range : 0~±19999 digit adjustable
- Input resistance : >100 Mohm(< 2V range)
  >2 Mohm(> 2V range)
  <100 ohm (current input)
- Maximum input : <600Vrms(>2V ranges)
  <150Vrms(>2V ranges)
  <150mA(current ranges)
- Analog output resolution : 16 bit DAC
- Response time : < 250 ms (0~90%)
- Output drive capability : < 10mA for voltage mode
  < 10V for current mode
- Output ripple (p-p) : < 0.1% F.S.
- Zero (offset) range : 0~±9999 Digit adjustable
- Span (scale) range : 0~±9999 Digit adjustable
- Temp. coefficient : 50ppm/℃ (0~50℃)
- Display : Red high efficiency LEDs high 10.16mm (0.4")
- Isolation : Input/Output/Power/Case
- Parameter setting : Touch switches
- Memory mode : Non-volatile E^2 PROM memory
- Insulation Resistance : >100M ohm with 500V DC
- Dielectric strength : 2KVac/1 min. (input/output/power)
  1600Vdc (input/output)
- Operating condition : 0~60℃(20 to 90% RH non-condensed)
- Storage condition : 0~70℃(20 to 90% RH non-condensed)
- Construction : Socket/plugin type with barrier terminals
- 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.TERMINAL CONNECTION



4.DIMENSION(unit:mm)