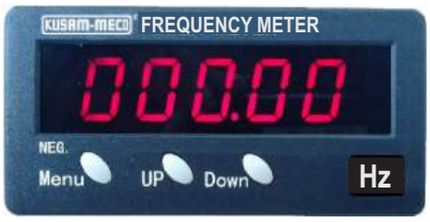
PROGRAMMABLE DIGITAL PANEL METER

5 DIGIT 99999 COUNTS FREQUENCY DIGITAL PANEL METER

Model - MMF



✷ FEATURES :

- Measurement upto 400Hz
- 2 Alarm Setting function (optional)
- Optional RS-485 Modbus RTU output function
- Optional DC 4 ~ 20mA output function

ORDERING :

MMF — Code1 — Code2 — Code3 — Code4 — Code5

Code 1	Input Frequency	Code 2	Range	Code 3	Output1	Code 4	Output2	Code 5	Aux. Power
1	50 Hz	1	±1 Hz	1	2 Alarm	1	RS-485	3	DC 22~72V
2	60 Hz	2	±2 Hz	2	DC 4~20mA			6	AC/DC 85~265V
Y	Other	3	±3 Hz	0	None	0	None		
		4	±5 Hz	Y	Other	Y	Other	Y	Other
		5	±10 Hz						
		Y	Other						

When ordering Specify Model, code number and variable.
Code Number : Model-code1-code2-code3-code4-code5
(E.g. MMF - 1221Y)

✷ ADDITIONAL FEATURES :

- **Display Range :** 0.56" High brightness red LED
  5 Digit (0 ~ 65535).
- **Accuracy :** ± 0.5% RD at 23°C ± 3°C.
- **Input Range :** Input 30 ~ 600V
- **Input Frequency :** 0 ~ 400Hz
- **Output Function :** 4 ~ 20mA 330Ω at 20mA (Optional)
- **Alarm Function :** 2 Alarm setting (Optional)
- **Dielectric Strength :**
  2.0 KV 50/60Hz AC / Min Between Input / Power / Case.
- **Outline Dimension :** 96(W)X48(H)X100(D)mm.
- **Mounting :** Panel Flush Mounting.

5 DIGIT 99999 COUNTS MICROPROCESSOR DC VOLTAGE OR DC CURRENT SETTING DIGITAL METER

Model - MMD



✷ FEATURES :

- Input DC Volts or Current
- Programmable for Output & Display
- RS 485 MODBUS RTU
- 2 or 4 Alarm Setting Function
- Small Size (Depth < 90mm)
- Selectable sampling speed : (High / Medium / Low)
  * Sampling speed is determined by the buffer size.
  Buffer size = The number of measurements for RMS.

ORDERING :

MMD — Code1 — Code2 — Code3 — Code4 — Code5

Code 1	Input Signal	Code 2	Alarm Setting	Code 3	Output1	Code 4	Output2	Code 5	Aux. Power
1	DC 0 ~ 2V	2	2 Alarm Setting	1	DC 0~10mA	6	RS485	1	AC 110/220V
2	DC 0 ~ 20V	4	4 Alarm Setting	2	DC 0~20mA	0	None	2	AC 220V
3	DC 0 ~ 200V	0	None	3	DC 4~20mA	Y	Other	3	DC 22~72V
4	DC 0 ~ 600V			4	DC 0~5V			6	AC/DC 85~265V
5	Shunt X/50mV			5	DC 1~5V			Y	Other
6	Shunt X/60mV			6	DC 0~10V				
7	DC 0 ~ 2A			0	None				
8	DC 0 ~ 10A			Y	Other				
Y	Other								

When ordering Specify Model, code number and variable.
Code Number : Model-code1-code2-code3-code4-code5 (E.g. MMD - 12663)

✷ SPECIFICATIONS :

INPUT :

- Input Impedance : Voltage Input : ≧ 1MΩ Current Input : ≦ 75 Ω

OUTPUT & DISPLAY :

- **DC Current :** 0 ~ 20 mA DC
- **Load Resistance Drive :**
  Output drive 10VDC maximum.
- **DC Voltage :** 0 ~ 10 V DC
- **Load Resistance Drive :**
  Output drive 5mA maximum.

✷ ADDITIONAL FEATURES :

- **Accuracy :** 0.1 % FS + 2 Counts at 23°C ± 3°C.
- **Stability :** ≦ 0.2 % / Year.
- **Setting Function :** 4 Alarm Setting (Hi or Lo) user selectable.
- **Time Delay :** 0 ~ 999 Sec. User Selectable.
- **Setting Range :** -19999 ~ +99999 counts
- **Dielectric Strength :** AC 2 KV / Min, Between Input / Power / Case
- **Impulse :** 5KV 1.2 x 50μS, ANSI C37.90a /1983.DIN IEC 255 - 4.
- **Outline Dimension :** 1/8 DIN 96(W)X48(H)X100(D)mm.
- **Mounting :** Panel Flush Mounting.