PROGRAMMABLE DIGITAL PANEL METER

5 DIGIT 19999 COUNTS THERMOCOUPLE TEMPERATURE DIGITAL PANEL METER

Model - MMT



✷ FEATURES :

- Selectable input Thermocouple type : K-E-J-T-R-S
- Malfunction Indicator
- Switch between °C / °F
- Display Max. Temperature
- Output Protection: No output for wrong temperature.
- Output 0-20mA/4-20mA or 0-5V/0-10V/1-5V DC
- RS-485 Modbus RTU
- 2 or 4 Alarm Setting Function
- Small size (Depth ≤ 90mm)

ORDERING :

MMT — Code1 — Code2 — Code3 — Code4 — Code5

Code 1	Input Signal	Code 2	Alarm Setting	Code 3	Output1	Code 4	Output2	Code 5	Aux. Power
K	K Type -270~1370°C/-520~2500°F	2	2 Alarm Setting	1	DC 0~10mA	6	RS485	1	AC 110/220V
E	E Type -270~800°C/-520~1500°F			2	DC 0~20mA			2	AC 220V
J	J Type -210~760°C/-410~1300°F	4	4 Alarm Setting	3	DC 4~20mA			3	DC 22 ~ 72V
T	T Type -210~400°C/-410~760°F			4	DC 0~5V			6	AC/DC 85~265V
R	R Type 0~1700°C/32~3100°F			5	DC 1~5V			Y	Other
S	S Type 0~1700°C/-32~3100°F			6	DC 0~10V				
		0	None	0	None	0	None		
				Y	Other	Y	Other		

When ordering Specify Model, code number and variable.

Code Number : Model-code1-code2-code3-code4-code5 (E.g. MMT - K2262)

✷ SPECIFICATIONS :

INPUT :

- **Input Resistance :** ≧ 20MΩ,

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 :** 0.2% FS + 0.3°C at 23°C ± 3°C.
- **Stability :** ≦ 0.2 % / Year.
- **Thermocouple Break Detection :** 19999 Flash.
- **CJC :** ≦ 0.03°C / °C, within 0 ~ 40°C
- **Setting Function :** 4 Alarm Setting (Hi or Lo) user selectable.
- **Time Delay :** 0 ~ 999 Sec. User Selectable.
- **Setting Range :** ±19999 counts user selectable
- **Dielectric Strength :** 2 KV AC / 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)X110(D)mm.
- **Mounting :** Panel Flush Mounting.

5 DIGIT 19999 COUNTS RTD TEMPERATURE DIGITAL PANEL METER

Model - MMR



✷ FEATURES :

- Malfunction Indicator
- Protection to prevent high mA output
- Output 0-20mA/4-20mA or 0-5V/0-10V/1-5V DC
- Display Max. Temperature
- Switch between °C / °F
- RS-485 Modbus RTU
- 2 or 4 Alarm Setting Function
- Small size (Depth ≤ 90mm)

ORDERING :

MMR — Code1 — Code2 — Code3 — Code4 — Code5

Code 1	Input Signal	Code 2	Alarm Setting	Code 3	Output1	Code 4	Output2	Code 5	Aux. Power
1	PT100Ω - 100~400°C/-150~800°F	2	2 Alarm Setting	1	DC 0~10mA	6	RS485	1	AC 110/220V
2	CU10Ω - 100~400°C/-150~800°F	4	4 Alarm Setting	2	DC 0~20mA	0	None	2	AC 220V
3	PT500Ω - 100~400°C/-150~800°F	0	None	3	DC 4~20mA	Y	Other	3	DC 22 ~ 72V
4	NI1000 - 100~400°C/-150~800°F			4	DC 0~5V			6	AC/DC 85~265V
Y	Other			5	DC 1~5V			Y	Other
				6	DC 0~10V				
				0	None				
				Y	Other				

When ordering Specify Model, code number and variable.

Code Number : Model-code1-code2-code3-code4-code5-code6 (E.g. MMR - 1220Y)

✷ SPECIFICATIONS :

INPUT :

- **Input Configuration :** Three Wires Connection compatible with Two Wires.

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 :** 0.15% FS + 0.3°C at 23°C ± 3°C.
- **Stability :** ≦ 0.2 % / Year.
- **Setting Function :** 4 Alarm Setting (Hi or Lo) user selectable.
- **Setting Range :** ±19999 counts user selectable
- **Dielectric Strength :** 2 KV AC / 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.