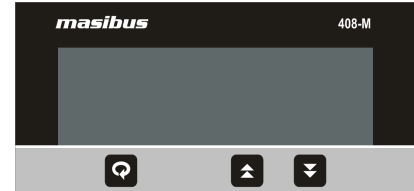


**Model No.: 408-M****Model Name: Temperature Indicator****↵ Display & Key board:**

- 4 digits 0.8" red LED's for actual PV.
- Three keys ENT, INC & DEC for data entry.

**↵ Input:**

- RTD – Pt-100, 3 - wire.  
(Software Three wire cancellation)
- Thermocouple types J, K, T, R, S, ( ANSI standard)  
(Cold junction compensation)
- 0-20 mA/ 0-5 V DC linear.
- 4-20 mA/ 1-5 V DC linear.
- Burn out current : 0.25 uA
- CMRR :> 120dB
- NMRR :> 40dB
- Input impedance :> 1MΩ

**↵ Input Range:**

- |                       |                              |
|-----------------------|------------------------------|
| • RTD (Pt-100)        | -200 to 850 °C               |
| • RTD (Pt-100) 0.1 °C | -199.9 to 850.0 °C           |
| • J type              | -100 to 1200 °C              |
| • K type              | -100 to 1372 °C              |
| • T type              | -100 to 400 °C               |
| • R type              | 0 to 1768 °C                 |
| • S type              | 0 to 1768 °C                 |
| • 4-20mA, 1-5 V       | -1999 to 9999 field scalable |
| • 0-20mA, 0-5 V       | -1999 to 9999 field scalable |

**Note: for 4-20mA and 0-20mA, connect 250 ohms external resistor.****↵ Accuracy:**

- ± \*(0.25% + 1 degree) of Full Scale for T/C and RTD inputs.
- ± \*(0.25% + 1 count) of Full scale for mA and Voltage inputs
- \* Subject to recalibration for i/p change.

**↵ Transmitted Power Supply:**

- 24VDC @ 26mA (±10% Accuracy)

**Model No.: 408-M****Model Name: Temperature Indicator****↪ Calibration:**

- Zero and Span calibration using front key pad.
- CJC (Cold Junction Compensation) for T/C type input and Software 3-wire lead compensation for RTD sensor.
- Warm up time approximately 30 min.

**↪ General:**

- Power Supply : 85-265VAC @ 50 Hz  
18-36VDC (Optional)
- Humidity : 20 to 90 % RH Non-Condensing.
- Ambient : 0 to 55 deg C.
- Power consumption : < 10 VA

**↪ Physical:**

- Case : 48 x96 x 110mm
- Bezel Size : 48 x 96mm
- Panel cutout : 45 (+0.6)mm x 92 (+0.8)mm
- Terminals : Barrier type terminals

Ordering Code				
Model	Input		Auxiliary Power Supply	
408-M	1	J	U1	80-265VAC / 125-300VDC
	2	K	U2	18-36VDC
	3	T		
	4	R		
	5	S		
	6	Pt-100		
	C	4-20mA		
	D	0-20mA		
	E	1-5V		
	F	0-5V		