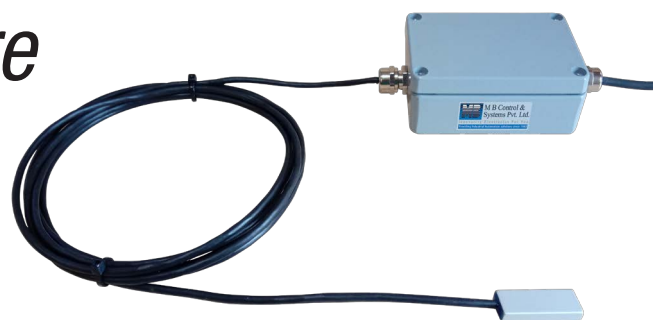


PV Module Temperature Sensor with 4 to 20mA Output



Overview

MBMet 800 series offers sensors for surface temperature measurement. The MBMet 802 sensor comes integrated with a stable aluminum cuboid and Teflon insulated cable. Ideal for use in industrial and field environments for surface temperature measurement, these sensors are compact, easy-to-install and offer high accuracy.

Benefits and Features

- ▶ Best in class measurement accuracy and technology
- ▶ Measures temperature across a wide range : -50° to +110°C
- ▶ Precision RTD Class A sensing element
- ▶ With high temperature adhesive
- ▶ Sensor standard compliant IEC-61724-1 (2017-03) class A

Technical Description

Model	MBMet-802
Measurement Range	-40° to +110°C
Temperature Accuracy	±0.2°C
Temperature Stability	<0.1°C per year
Sensor Element Type	RTD Class A
Sensor Cable-Length	Silicon insulated cable – 3 meters
Sensor Housing	Self-Adhesive Aluminum
Self-Adhesive Tape	High Temperature Acrylic Adhesive Tape. Operating Temperature tolerance up to 149°C.

Sensor Transmitter Housing	Powder Coated-Cast Aluminum, IP67
Sensor Transmitter Cable	Length : 5 meters (default) PVC insulated
Transmitter Communication	4 to 20mA
Power supply	Self-loop powered (12 to 24 VDC)
Operating Ambient Temperature	-10°C to +70°C
Operating Ambient Humidity	0.1 to 99.9% RH
Sensor Standard	Meets IEC-61724-1 (2017-03) Class A

Ordering Code

Model	Series	Type	Sensor Extension Cable Length
MBMet	802	SF	5 meters (Default) 10 meters 20 meters 30 meters

For example : MBMet-802-SF Cable Length : 5 meters

See also

- **MBMet-801** PV Module Temperature Sensors RTD PT100/PT1000 Output
- **MBMet-803** PV Module Temperature Sensor with Digital Modbus Rs-485 Output
- **MBMet-901** Atmospheric Air Temperature Sensor with 4 to 20mA Output
- View our complete range of **Weather Sensors**