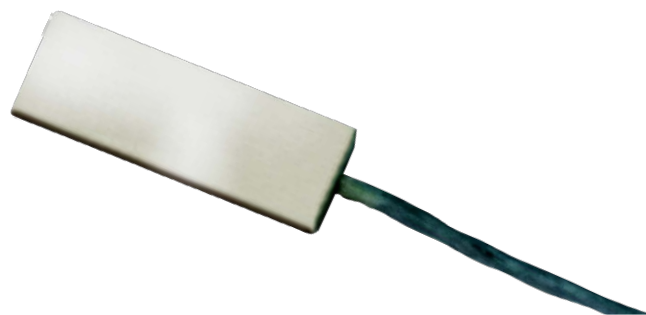




PV Module Temperature Sensor RTD PT100/PT1000



Overview

MBMet 800 series offers best-in-class smart sensors for surface temperature measurement. The MBMet 801 sensor comes integrated with a sensing element that is placed in an aluminum cuboid which is directly glued to the rear of the measuring PV module. These sensors are compact, easy-to-install and provide very 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

Technical Description

Model	MBMet-801	Sensor Cable-Length	PTFE / Silicon insulated cable (3/4 wire) – 3 meters
Measurement Range	-40° to +110°C	Sensor Housing	Self-Adhesive Aluminum
Sensor Element Type	RTD	Self-Adhesive Tape	High Temperature Acrylic Adhesive Tape. Operating Temperature tolerance up to 149°C.
Temperature Accuracy	Class A		
Temperature Stability	<0.1°C per year		

Ordering Code

Model	Series	Type	Cable Insulation	Output	Sensor Cable Length
MBMet	801	SF	A - PTFE insulated B - Silicon insulated	PT100 PT1000	3 meters

For example : MBMet-801-SF-A-PT100 Cable Length : 3 meters

See also

- **MBMet-802** PV Module Temperature Sensor with 4 to 20mA Output
- **MBMet-803** PV Module Temperature Sensor with Digital Modbus Rs-485 Output
- **MBMet-901** Atmospheric Air Temperature Sensor with 4 to 20mA Output
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