



MB001-01 PV Module temperature sensor is compact, easy-to-install, with top quality components to achieve very high accuracy. They are ideal for use in field environments like PV Module temperature. The signal conversion module can convert temperature to corresponding voltage, current or RS485 optionally. Our module temperature sensors come equipped with a stable aluminium housing with a robust weather proof cable.



#### FEATURES

- Strong corrosion resistant ability
- High accuracy
- Various output signal options
- With high temperature resistant adhesive
- Easy Installation

#### APPLICATIONS

- WEATHER STATIONS
- IOT
- SOLAR & WIND POWER GENERATION
- SMART CITIES
- METEOROLOGY
- CONTACT TEMPERATURE MEASUREMENT

#### TECHNICAL DATA

Item	Specifications			
Measurement Range	-50...+100°C			
Supply Voltage	5VDC, 12 - 24VDC			
Accuracy	±0.5°C			
Output	4 - 20mA	0 - 5V	RS485 (MODBUS)	PT100/PT1000
Load Capacity	≤250Ω	≥1K		
Ingress Protection	IP65			
Operating Temperature	Probe : -50°C...+120°C Transmitter module : -40°C...+85°C			
Weight (unpacked)	Probe : 85g			
Transmitter module dimension	98*66*49mm			
Surface mount adhesive	Provided			

#### DIMENSION

Probe: 8\*8\*30mm

