

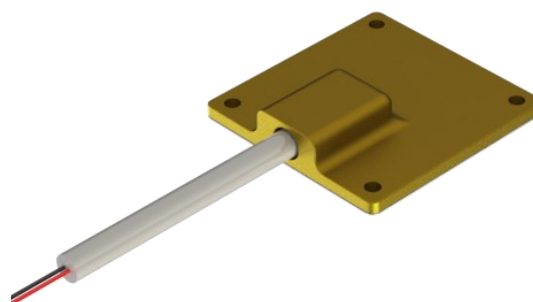
MODULE TEMPERATURE SENSOR

FEATURES

- Compact
- Environmentally robust IP65
- Low power
- Adhesive mount
- Extended temperature range
- Class A Standard compliant

APPLICATIONS

- Surface temperature measurement
- Module temperature measurement
- Solar energy applications
- Weather monitoring applications

RIGEL PT1000

DESCRIPTION

Aeron's Rigel PT1000 module temperature sensor measures surface temperature of PV panels. The measurement accuracy of the sensor is compliant with Class A Standard. A strong adhesive on the sensor case is used to fix it firmly to the back of the panel.

The sensor is a high-quality PT1000 standard RTD with its resistance varying with temperature. The sensor has an anodized Aluminium casing which protects the thermistor element from outdoor environment and is thermally conductive to capture the surface temperature accurately.

The Rigel temperature sensor is ideal for solar plant applications, weather monitoring applications and other industrial applications that requires surface temperature measurement.

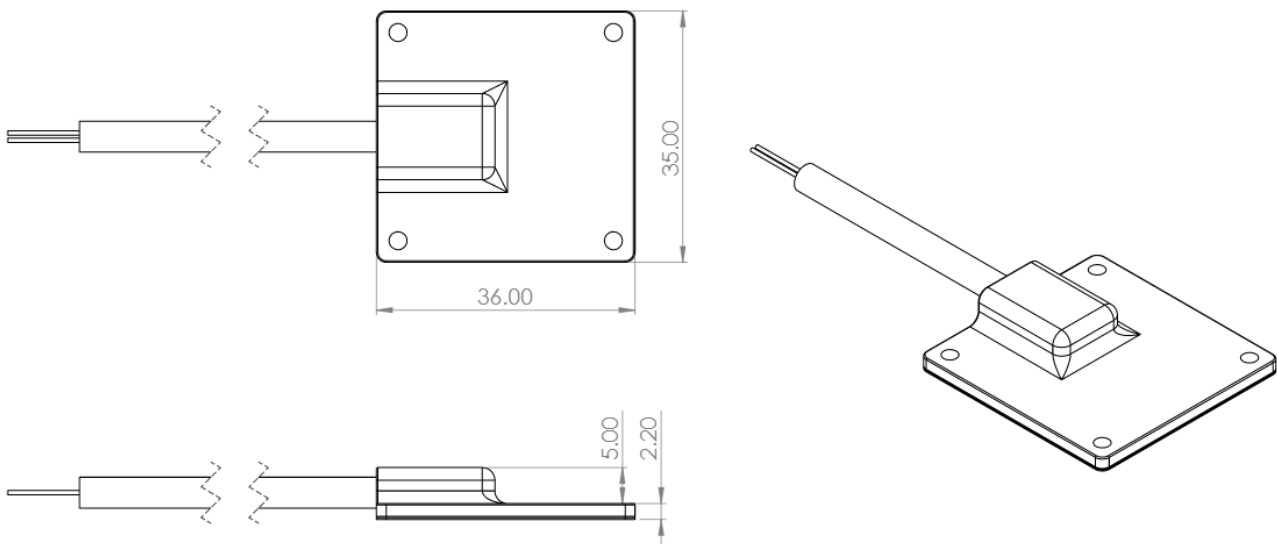


TECHNICAL SPECIFICATIONS

Parameter Name	Parameter Value
	RIGEL PT1000
TEMPERATURE MEASUREMENT	
Output Signal	Resistance Output
Temperature Range	-40 °C to 120 °C
Accuracy	Class A
Sensor Type	PT1000
Sensor Element Type	RTD Class A
PHYSICAL AND ENVIRONMENTAL	
Operating Temperature	-40 °C to 120 °C
Ingress Protection	IP65
Material	Aluminium 6082
Dimensions	36 mm (L) x 35 mm (W) x 7.2 mm (H)
Weight	<15 gms (excluding cable weight)
Cable Length	2 meters

MECHANICAL DIMENSIONS

All dimensions in mm



ORDERING INFORMATION

RIGEL PT1000 (PRODUCT CODE: 55006)