

The HUKX logo is rendered in a bold, white, sans-serif typeface. It is positioned on the left side of the page, set against a background of a purple grid that exhibits a wavy, undulating pattern across the entire surface.

HUKX

Sensor
Technology

Fact sheet
PV module temperature
sensor

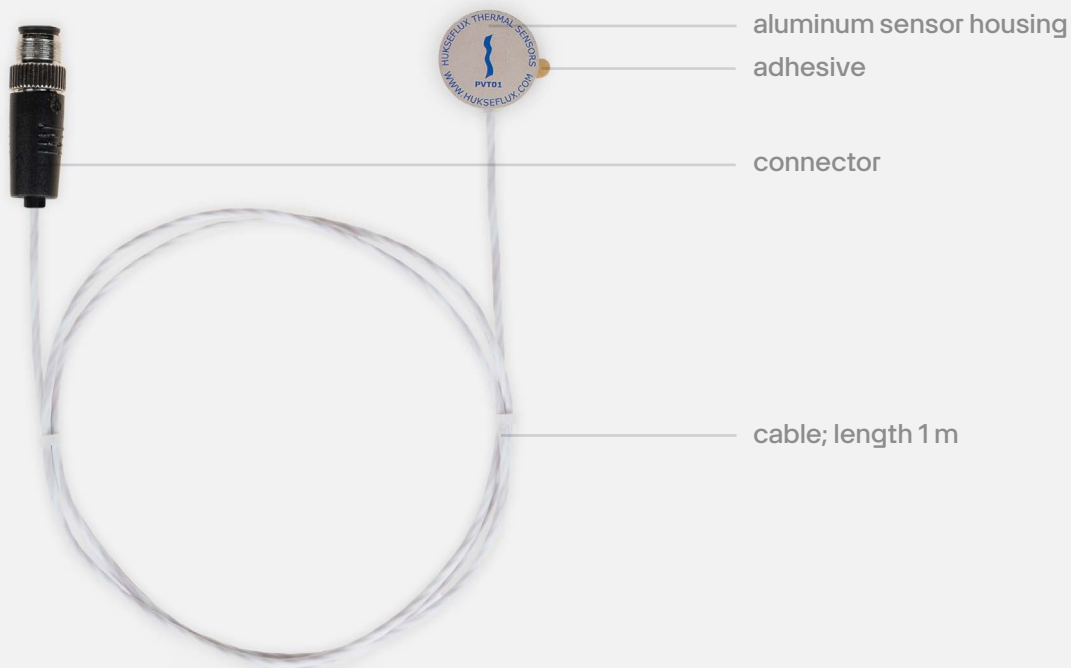
PVMT01

PVMT01

Class A Pt1000 PV module temperature sensor

thin, flexible and versatile

PVMT01 is a back-of-module temperature sensor that provides the accurate data needed in PV monitoring to correct performance index calculations. Equipped with a Class A Pt1000 element in four-wire configuration, PVMT01 meets IEC 61724-1 Class A requirements while offering durable outdoor performance.



Compact design

- small disk surface area minimizes shading and electricity yield losses on bifacial modules
- low thermal resistance ensures accurate readings

Easy installation and low maintenance

- simple rear-side mounting due to strong adhesive and removable filter
- includes cleaning wipe, polyester tapes and cable clips
- no maintenance is necessary: only periodic checks needed

Robust and waterproof

- IP67 protection against dust and water
- weather-resistant for reliable long-term performance
- durable anodized aluminum housing

High measurement accuracy

- accurate Class A Pt1000 sensor
- 4-wire configuration for increased accuracy
- stable over a broad range of temperatures
- meets IEC 61724-1 Class A requirements
- IEC suggests three sensors per monitoring system, and requires six or more sensors on a PV system

High-quality cable

- flexible 1 m cable, easily extendable by the user without loss of accuracy
- thin cable for routing between cells of bifacial modules
- thin cable minimizes the mechanical force on the sensor adhesive

Strong adhesive

- extremely strong and durable adhesive rated for long-term outdoor use
- adhesive has excellent thermal properties

About Hukx

Hukx is the leading innovator in solar radiation and heat flux sensor technology. We are proud to set the standard in high-accuracy measurement, and to be working at the heart of the energy transition.

Customers worldwide rely on our bestselling pyranometers and heat flux sensors. From sensor design and selection to supply and recalibration, we support you across the entire lifecycle.

Hukx is headquartered in the Netherlands, with locally owned representative sales offices in the USA, Brazil, India, China, Southeast Asia, and Japan.

Let us help you select the best sensor for your application.
Get in touch with our experts today via: info@hukx.com

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