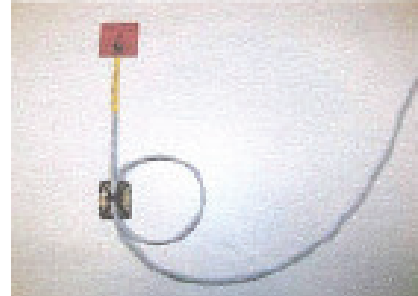## MODULE TEMPERATURE SENSOR

In general this sensor measures the temperature on surfaces. By fixing the sensor on the back side of the pv-module, the module temperature can be told.

The temperature of the pv-module is one of the decisive facts for the power output. By supervision, the pv-owner can draw conclusions to the performance of the power chart.

TECHNICAL DATA

Sensor	PT1000
Measuring range	-4°F to +302°F
Accuracy	± 0,45°C (im Bereich -20°C bis 150°C)
	± 0,81°F (in the range –4°F to 302°F)
Design	Sensor on an adhesive film for measurement on surfaces
Dimensions	32 x 32 mm
Cable	5m cable, CU-nickel-plated, FEP/silicon isolated, ferrules, UV-resistant
Max. cable length (distance: Sensor Card/Box – sensor)	20m
Fronius Art. Nr.	**43,0001,1190**

Mounting tip: In the scope of supply are the sensor, a fastening element for the cable, and 2 cable straps included.

Before adherence the elements of the sensor on the module, clean it until it is greaseless, dry, and dust-free.

Run the cable to the PV-module and mount it with one of the cable straps on the frame of the module. Please take care, that the cable is long enough for a loop, which you can fix with the second cable strap. The loop can be used for revisions.

The next step is to mount the fastening element in an acceptable distance below the destined measuring point.

As final step adherence the sensor on the measuring point above the fastening element.

(The sensor cable has to run directly from the sensor to the fastening element)