

PT1000 ADHESIVE SENSOR

Item No.: 423.211



DESCRIPTION OF FUNCTIONS

The PT1000 temperature sensor consists of a sensor element that is placed in an aluminium cuboid which is directly glued to the PV module rear wall. The sensor can be evaluated directly on the WEB'log without any converters.

TECHNICAL DATA

Operating temperature:	-35 ... 100 °C
Protection class:	IP65
Dimensions:	6 mm x 10 mm x 35 mm
Cable length:	2 m
Sensor type:	PT1000 self-adhesive sensor

TEMPERATURE MEASUREMENT

Output signal:	Voltage depending on sensor resistance
Measuring range:	-20 ... 70 °C
Current consumption:	1 mA
Accuracy:	1 %

CONFIGURATION

Type:	Resistance measurement / Temperature measurement
Gradient:	1
Offset:	0
Abbreviation:	T_Mx

PARTICULARITIES

Abbreviation	x is a placeholder for a consecutive number. If more than one sensor of a given type is installed, the numbering starts with 1. Otherwise, 0 is used.
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MEASUREMENT VALUES RECORDED

T_Mx	Temperature in module plane
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WIRING DIAGRAM

