

## 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,

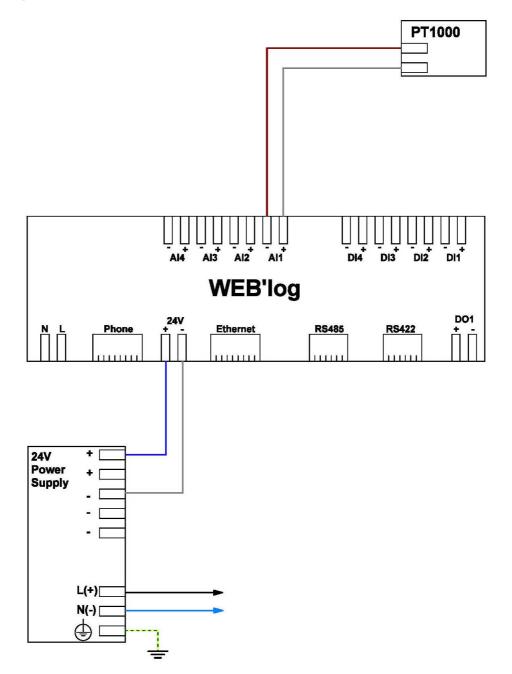
the numbering starts with 1. Otherwise, 0 is used.

MEASUREMENT VALUES RECORDED

T\_Mx Temperature in module plane



## WIRING DIAGRAM



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