



**TRITEC**

energy for a better world

**INSTALLATION  
INSTRUCTIONS**

**OUTSIDE TEMPERATURE  
SENSOR PT1000**

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## INTRODUCTION

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The TRITEC outside temperature sensor Pt1000 measures temperatures ranging from -20°C to +150°C. The weatherproof, UV-resistant and splashproof Makrolon housing protects it from external influences. Its compact design makes it flexible to use and means it can be installed in almost any place. The plastic housing comes with a two-conductor connection cable.

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## TECHNICAL DATA

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Sensor	Pt1000
Measuring principle	Platinum resistance wire
Measuring range	-20 °C to + 150 °C
Tolerance	± 0.8 °C (in the -20 to +100 °C range)
Housing	Makrolon housing
Dimensions	52 x 50 x 30 mm
Connection cable	3 m Cu cable, 2-conductor connection, free ends with cable end sleeve
Max. cable length	20 m
Protection mode	IP54

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## WARNINGS

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The installation may only be carried out by a qualified electrician. TRITEC does not accept any liability for improper installation or use of the outside temperature sensor.

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## INSTALLING THE OUTSIDE TEMPERATURE SENSOR

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To ensure maximum accuracy of the measuring result, the outside temperature sensor must be fitted at least 2.5m off the ground on a flat surface. Installation close to windows, doors or steam outlets may falsify the measuring result.

For optimal moisture protection, the sensor should be installed in a vertical position.

To install the sensor, mark and drill the suspension point on the surface. The sensor can now be fitted using the rawlplug and screw supplied. Make sure that the cable runs downwards from the sensor ensuring no strain force.

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## CE DECLARATION OF CONFORMITY

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In compliance with the relevant directives, this product bears the CE mark. The declaration of conformity is available on request from TRITEC.

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