

Ta-ext-Pt1000

Ambient Temperature Sensor with external Sensor and Platinum Resistance



Short Description

Our ambient temperature sensors come equipped with a stable aluminium housing and a robust weatherproof cable. Thanks to the use of top quality components the sensors achieve very high accuracy and are ideal for use in industrial and field environments (PV plant or monitoring of engineering room).

If required, the sensors can be ordered with an inspection certificate 3.1 as per DIN EN 10204.

Furthermore the disturbance of the measurement accuracy can be reduced with the optional weather protection (Shield Tamb-Si).

Technical Data

Type	Ta-ext-Pt1000
Sensor Element	Pt1000 1/3 Class B as per EN 60751
Sensor Housing	INOX steel tube, 6 mm diameter, 50 mm length
Sensor Cable	3 m LiYC11Y, 4 x AWG 26, black, weather and uv-resistant
Case Material	Powder-Coated Aluminium
Case Dimension / Protection Level	64 mm x 58 mm x 34 mm / IP 67
Weight	approx. 275 g
Operating Condition	-40 to +80°C
Customs Tariff Number	90 25 19 00

Ta-ext-Pt1000

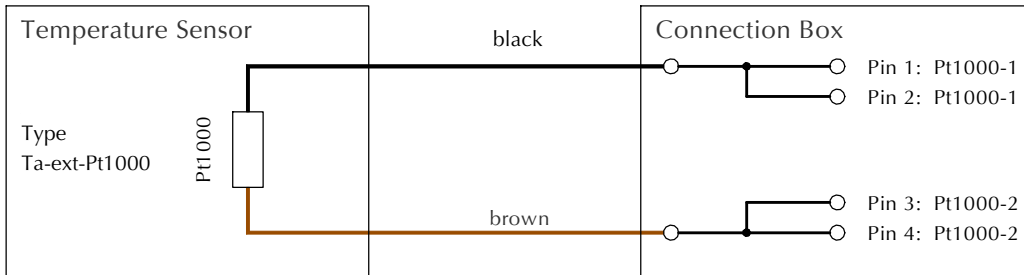
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Safety Instructions

The installation and assembly of electrical equipment must be carried out by electrically qualified persons. The sensor may not be used with equipment whose direct or indirect purpose is to prevent human death or injury, or whose operation poses a risk to humans, animals or property.

Electrical Connection

The sensors are designed for safety extra-low voltage (SELV) operation.

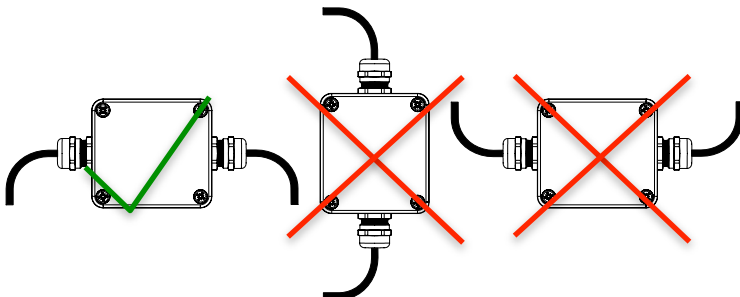


Installation Instructions

If mounted outdoors, avoid direct exposure to sunlight and rain to the sensor housing (INOX steel tube). If necessary, provide protection from the sun and rain with the optional Shield Tamb-Si.

The through holes used to fix the sensor to a stable and suitable surface shall be accessible when the housing is opened.

The tightening torque of the case cover is 180 Ncm.



Optional weather protection
Shield Tamb-Si

Maintenance

The sensors should be checked once a year for damage, contamination and correct fitting.

Drawing

