

T-NTC-ST

Temperature sensor

Technical specifications and installation instructions

Item number 30513



1. Description

The **Sensor T-NTC-ST** is a temperature sensor specially for the KNX B8-TH interface. The sensor measures the temperature indoors and outdoors.

1.1. Technical specifications

Sensor sleeve	Metal
Cable colour	black
Degree of protection	IP 43
Dimensions	Sensor sleeve length approx. 32 mm, Diameter approx. 6 mm, Cable length approx. 300 cm
Output length	approx. 300 cm max. output length: 10 m
Measurement range	-35°C...+100°C

The product is compliant with the provisions of EU guidelines.

1.2. Scope of delivery

- Sensor with connecting cable

2. Installation and start-up

2.1. Installation notes

Installation, testing, commissioning and fault repair may only be carried out by a qualified electrician (according to VDE 0100).

The device is only to be used for its intended purpose. Any improper modification or failure to follow the operating instructions voids any and all warranty and guarantee claims.

After unpacking the device, check it immediately for possible mechanical damage. If it has been damaged in transport, inform the supplier immediately.

The device may only be used as a fixed-site installation; that means only when assembled and after conclusion of all installation and operational start-up tasks and only in the surroundings designated for it.

Elsner Elektronik is not liable for any changes in norms and standards which may occur after publication of these operating instructions.

2.2. Installation location

When selecting an installation location for the temperature probe, please ensure that the measurement results are affected as little as possible by external influences. Possible sources of interference include:

- Direct sunlight
- Drafts from windows and doors
- Warming or cooling of the building structure on which the sensor is mounted, e.g. due to sunlight, heating or cold water pipes
- Connection lines which lead from warmer or colder areas to the sensor

Do not route the connection cables together with 230 V wiring in boxes and connections (pipes)!

2.2.1. Connecting the sensor

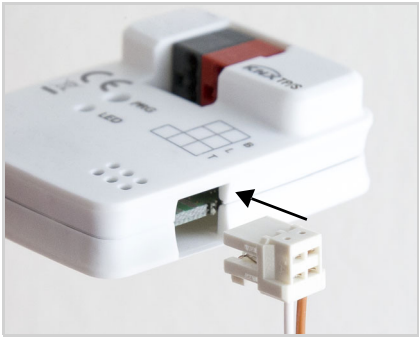


Fig. 1
Plug the into the KNX B8-TH interface at the "T-NTC-ST" input.

3. Disposal

After use, the device must be disposed of or recycled in accordance with the legal regulations. Do not dispose of it with the household waste!