

Operating instructions

External temperature sensor
Art. no. FFNTC



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16.09.2022
82406903 j0082406903

Table of Contents

1 Safety instructions 3

2 Intended use 3

3 Mounting and electrical connection 3

4 Technical data 3

1 Safety instructions



Electrical devices may only be mounted and connected by electrically skilled persons.

Danger of electric shock. Depending on the room temperature controller, the sensor cable is connected to the mains voltage potential. If the sensor cable is damaged, disconnect the device immediately and replace the sensor cable.

Serious injuries, fire or property damage possible. Please read and follow manual fully.

2 Intended use

- External sensor for measuring ambient temperature
- Connection to a suitable room temperature controller

3 Mounting and electrical connection



DANGER!

Mortal danger of electric shock.

Before working on the device or performing an installation, disconnect all the corresponding circuit breakers. Cover up live parts!

The remote sensor must be mounted in an empty tube so that the sensor is mechanically protected and can be exchanged if necessary.

4 Technical data

Dimensions Ø×H

7.8 × 27 mm

Sensor cable

S03VV-F 2 x 0.5 mm²

Length connecting cable

4 m

Degree of protection

IP 67

Remote sensor resistance values

Temperature (°C)	Resistance (kΩ)		Temperature (°C)	Resistance (kΩ)
5	89.5		30	26.2
10	68.8		35	20.9
15	53.5		40	16.7
20	41.9		45	13.5
25	33.0		50	11.0

The resistance values can only be measured if the sensor is disconnected.

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