

Technical datasheet clima T-PK

1. Product description



Sensor for detection of operative temperature (from mean Air and radiant temperature) in large rooms. Designed for direct connection to the multisensors lumina MS4 and lumina MS4-RC.

The temperature value can be read directly in the controller of the multisensors and be used for room temperature control.

2. Mounting and installation

2.1. Mounting

The device is supplied in a ready state. Installation must be made on representative places for the room temperature, to avoid a falsification of the measuring result.

Solar radiation and draft should be avoided.

Assembly instruction:

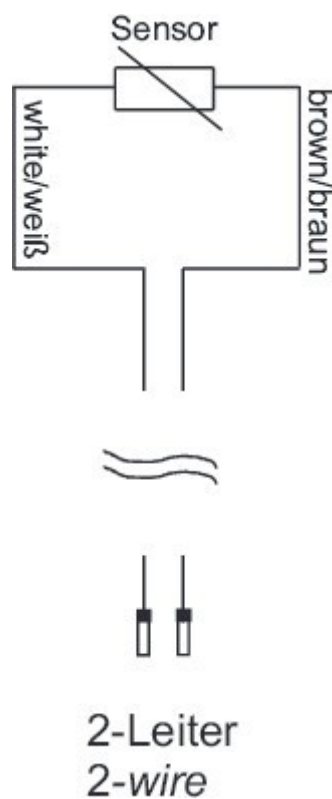
The temperature dynamics of the wall / ceiling has an influence on the measurement result of the probe. Various types of materials behave differently to temperature variations.

2.2. Installation

The room temperature sensor is designed for operation with safety extra-low voltage (SELV). The electrical connection, the technical data of the device apply. Specifically, the line resistance of the wires is taken into account.

Connection diagram:

The Ni 1000 sensor is connected directly to our Multi-sensor lumina MS4 or lumina MS4-RC.



The installation and assembly of electrical equipment may only be performed by a qualified electrician.



The modules must not be used in conjunction with devices that directly or indirectly, human health - or life or with applications that can result in danger for people, animals or property.

3. Technical data

Power supply

Sensor cable	4m (other lengths on request), cable ends by default with ferrules
Conductor cross-section	0,25 mm ²

Sensor

Passive temperature sensor	Ni1000
Effective range	0 ... 70°C
Exactness	Depending on the cable length
Measurement current	typ. < 1mA
Connection	2 poles

Housing

Material	Plastic, color black
Dimension (Ø)	40 mm

4. Order information

Order number	Description
910 212	clima T-PK Radiation temperature sensor
911 113 W	lumina MS4-EB LON multisensor for suspended ceiling mounting, pure white
911 114 W	lumina MS4-AP LON multisensor for surface mounting, pure white
911 313 W	lumina MS4/RC-EB LON multisensor w. EnOcean Dolphin radio receiver for suspended ceiling mounting, pure white
911 314 W	lumina MS4/RC-AP LON multisensor w. EnOcean Dolphin radio receiver for surface mounting, pure white

5. Support

The information given in this manual was carefully compiled. Should you have any further questions regarding this product, please contact:

SafeSquare GmbH

Am Graben 2-6
42477 Radevormwald
Germany

Fon: +49 (2191) 56814-0
Fax: +49 (2191) 56814-89
Email: info@safesquare.eu