

## Technical Specifications

<b>Power supply</b>	9 28VDC
<b>Power consumption</b>	typ. 150mW, max. 160mW
<b>Power loss</b>	max. 160mW
<b>Interfaces</b>	Loxone Tree: connection with Miniserver / Tree Extension
<b>Ambient temperature</b>	-20 ... 55°C / -4 ... 131°F
<b>Humidity</b>	max. 95% r.H. (non condensing)
<b>Temperature detection range</b>	-40 ... 120°C / -40 ... 248°F, ± 0.5°C / 0.9°F
<b>Humidity detection range</b>	0 ... 100% r.H. +/- 2% (non condensing)
<b>Air quality</b>	CO2
<b>CO2 detection range</b>	400 ... 10.000ppm, ±(30 ppm + 3%)
<b>Safety rating</b>	IP20
<b>Dimensions</b>	80x80x18mm / 3.15x3.15x0.71" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

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## Need Help?

[loxone.com/support](https://loxone.com/support)

Loxone Electronics GmbH  
Smart Home 1  
4154 Kollerschlag  
Austria

[loxone.com](https://loxone.com)



## Room Comfort Sensor Tree

Part No: 100276 (White)  
Part No: 100277 (Anthracite)

V230320



## About the product

The Room Comfort Sensor Tree ensures rooms are always comfortable, by measuring temperature, humidity, and air quality using a CO2 sensor. Together with the Miniserver, this information can be used to control, monitor and record statistics for the temperature and air quality in a room.

## Features

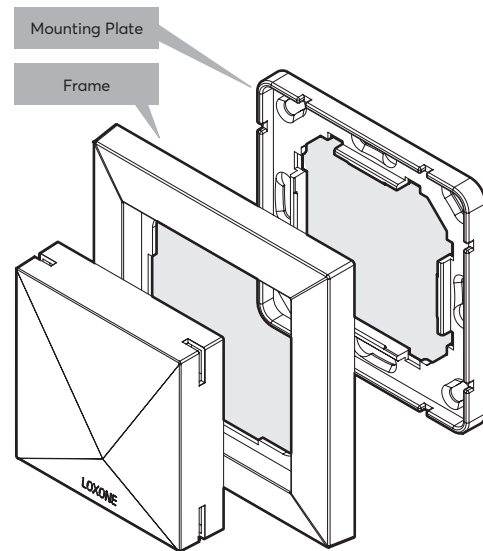
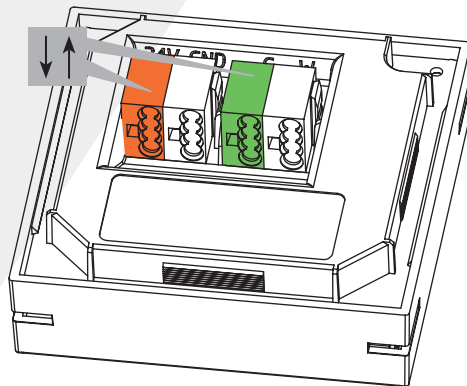
- Temperature sensor
- Humidity sensor
- CO2 sensor

## Installation

Fix the mounting plate to your installation box. Now connect power and Tree communication to the Room Comfort Sensor Tree through the frame. Place the Room Comfort Sensor including the frame on top of the mounting plate and gently push to clip into place.

## Connection

<b>Wire cross-section</b>	0.25 ... 0.8mm <sup>2</sup> / AWG18 ... 23
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	-40 ... 105°C / -40 ... 221°F
<b>Orange / White</b>	+ 24VDC / GND
<b>Green / White</b>	<b>Loxone Tree</b>



This folder is a part of the product!



For additional information, declaration of conformity, visit [www.loxone.com/help/room-comfort-sensor-tree](http://www.loxone.com/help/room-comfort-sensor-tree)