

## Functional Specifications

Touch Points (5)	capacitive touch detection
Click Feedback	Yes
Temperature Detection Range	-40 ... 125 °C $\pm 0.5$ °C / -40 ... 257 °F $\pm 0.9$ °F
Humidity Detection Range	0 ... 100 % r.H. $\pm 2$ % (non-condensing)
CO2 Detection Range	0 ... 40 000 ppm
Calibrated CO2 Detection Range	400 ... 2 000 ppm ( $\pm 50$ ppm, + 5 % of reading)
Backlight	Yes

## Ambient Conditions

Temperature	-20 ... 70 °C / -4 ... 158 °F
Humidity	max. 95 % r.H. (non-condensing)
Ingress Protection	IP30

## Connection Terminals

Wire Cross-Section	0.28 ... 0.8 mm <sup>2</sup> / AWG 23 ... 18
Stripping Length	5 ... 6 mm / 0.2 ... 0.24"
Temperature Resistance	-40 ... 105 °C / -40 ... 221 °F



For more information  
about this product, visit  
[loxone.com/help/touch-pure-co2-tree](https://loxone.com/help/touch-pure-co2-tree)

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**LOXONE**

# Touch Pure CO<sub>2</sub> Tree

Part No.: 100795 (White)  
Part No.: 100796 (Anthracite)  
Part No.: 100797 (Gold)

## About the product

The Loxone Touch Pure features five touch points on a glass surface to control the key functions of a room. An acoustic click confirms each touch. An integrated sensor measures temperature, relative humidity and CO<sub>2</sub> value. The integrated lighting makes the Touch Pure ideal for operation in low-light conditions or complete darkness.

## Features

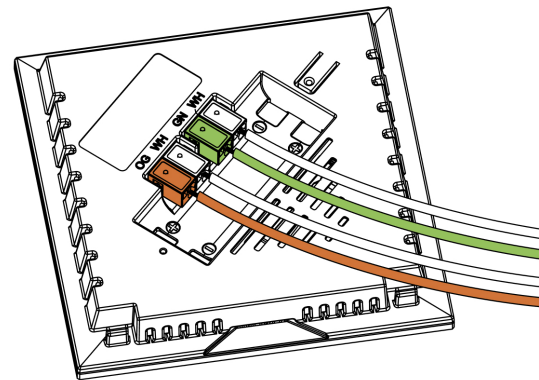
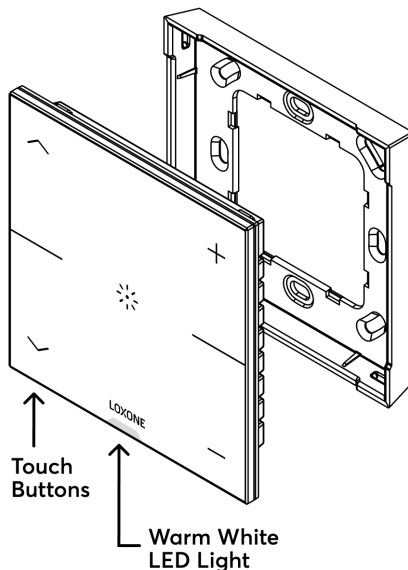
- 5 touch points for lighting, shading, audio & more
- Optional acoustic click feedback
- Integrated temperature, humidity & CO<sub>2</sub> sensors
- Backlight
- Easy installation via Loxone Tree technology

## Electrical Specifications

Supply Voltage	9 ... 30 VDC
Power Consumption	typ. 0.05 W, max. 0.1 W
Power Loss	max. 0.1 W

## Interfaces

Loxone Tree	Connection with Miniserver / Tree Extension
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## Safety Instructions

Installation must be carried out by a qualified electrician in accordance with the applicable regulations. This device is free of maintenance and must only be cleaned with a dry cloth.