

Technical Specifications

Power Supply	9 ... 28VDC
Power Consumption	Standby: 0.2W, max. 0.9W at brightness 100%
Loxone Tree Interface	connection with Miniserver / Tree Extension
Touch Area	capacitive touch detection up to 12/14 touch points
Click Feedback	Yes
Backlight	Yes
Temperature Detection Range	-10 ... 125°C +/- 0.5°C 14 ... 257°F +/- 0.9°F
Humidity Detection Range	0 ... 100% r.H. +/- 2% (non condensing)
CO2 Detection Range	400 ... 5.000ppm (+/- 100ppm, +/- 10% of reading)
CO2 Sensor Operating Conditions	10 ... 50°C / 50 ... 122°F 10 ... 90% r.H. (non condensing) max. dew point: 35°C / 95°F 850 ... 1100hPa

Within the first 12 hours after power-up the CO2 sensor will automatically calibrate itself for the first time. During these period the sensor values may not be accurate.
The CO2 sensor recalibrates itself over time, assuming exposure to fresh air (~400ppm CO2) at least once per week.



For more information
about this product, visit
loxone.com/help/touch-pure-flex-tree

V130325

**Loxone
Electronics GmbH**
Smart Home 1
4154 Kollerschlag
Austria

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom



For additional information,
declaration of conformity, visit
www.loxone.com/datasheets



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Touch Pure Flex CO2 Tree

Part No.: 100612 (White)
Part No.: 100613 (Anthracite)

About the product

The Touch Pure Flex is your 100% personalized control device with up to 12 freely definable and positionable touch points. With the integrated LED matrix display, as well as 3 status LEDs, menus, values, texts and states can be displayed. An integrated sensor measures temperature, relative humidity and CO₂ value. The integrated lighting makes the Touch Pure Flex ideal for operation in low-light conditions or complete darkness.

Safety Instructions

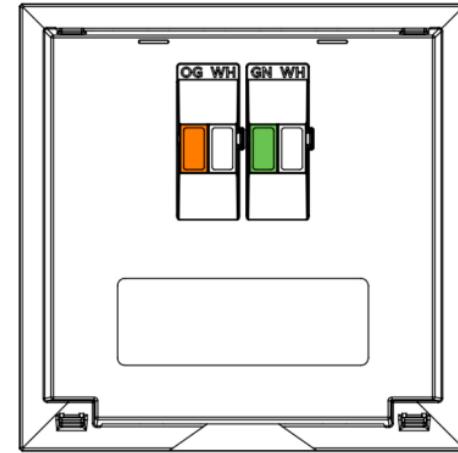
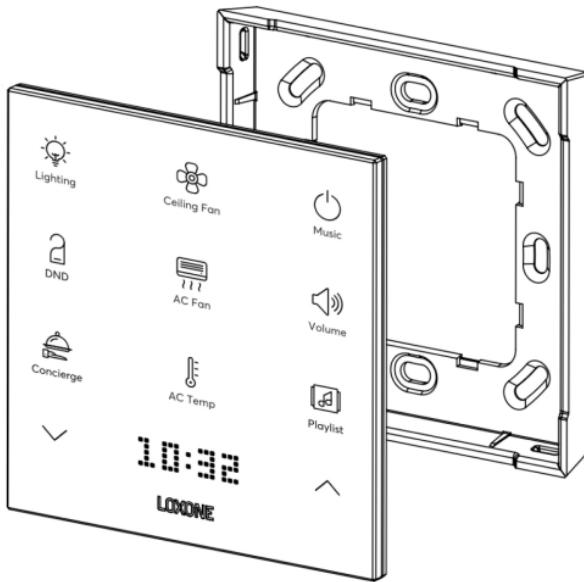
Installation must be carried out by a qualified electrician in accordance with the applicable regulations. This device is free of maintenance and must only be cleaned with a dry cloth.

Ambient Conditions

Temperature	-20 ... 40°C / -4 ... 104°F
Humidity	max. 95% r.H. (non condensing)
Ingress Protection	IP20

Connecting Terminals

Terminal Type	DG220B
Wire Cross-Section	0.28 ... 0.8mm ² / AWG23 ... 18
Stripping Length	5 ... 6mm / 0.2 ... 0.24"
Temperature Resistance	-40 ... 105°C / -40 ... 221°F



Information

This device complies with part 15B of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.