

Display Comfort Sensor - NB-IoT

- Easy installation
- Color display
- CO₂ Sensor
- Temperature Sensor
- Humidity Sensor
- Presence Detection

A healthy environment becomes more and more important.

To know how healthy a given area is you need to measure.

The Comfort Sensor is able to measure this by using several internal sensors.

Communication of the data to the cloud using NB-IoT. The interval of communication and other settings can be set using NFC



Specifications

Display	: 12.0x22.9mm
Power supply	: 5VDC (AC-DC adapter not included)
Communication	: NB-IoT
LTE Bands	: 3, 5, 8, 20, 28
SIM Card format	: Nano (4FF)
Protocol	: UDP
Configuration	: NFC
Dimensions	: 88x88x25mm
Color / Material	: white / ABS

Temperature sensor

Accuracy tolerance : ± 0,2°C @ 0-65°C

Humidity sensor

Accuracy tolerance : ±2% @ 10-90%

CO₂ sensor (NDIR) - professional

Measurement range : 400 - 5000ppm

Accuracy : ± 30ppm + 3% of reading

: (-10 - 50 °C / 0-2000ppm)

Calibration : Automatic Baseline Correction (ABC)

Presence sensor

Detection range : 5m

Available variations	Temperature rel. Humidity	Presence	CO ₂
Comfort Sensor	✓		
Comfort Sensor Presence	✓	✓	
Comfort Sensor CO ₂ NP	✓		✓
Comfort Sensor CO ₂	✓	✓	✓