

CO₂ Stoplicht

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Measurement and monitoring of air quality.

Based on various scientific studies on air quality and ventilation technology, we have developed a 'CO₂ Stoplicht' that gives an indication of the air quality in the measured space.

The CO₂ stoplicht measures amount of CO₂ (ppm), temperature and humidity and changes colour when the measured amount of CO₂ in the air exceeds the set thresholds.

These thresholds are based on the international standard DIN EN: 16798-1:2019, which relates to ventilaton and air quality in buildings.

The moment the 'CO₂ stoplicht' turns orange, this is a warning that indicates the air quality has become worse. This gives people the time to take action. When the CO₂ stoplicht turns red, it indicates that the room must be ventilated immediately or that the room has to be vacated (temporarily). In addition to the signalling function through the LEDs, the CO₂ Stoplicht is also equipped with wireless communication via LoRaWAN or optionally via WiFi. This makes it possible to log the measurements digitally and issue notifications (e.g. via an app or online dashboard).

Would you like to request more information or a (digital) demo?

Visit our website: www.co2-stoplicht.online.



Specificaties

CO ₂ sensor	
Measurement range:	400 ppm - 10.000 ppm
Accuracy:	± 30 ppm
Temperature sensor	
Measurement range:	- 20 °C till + 50 °C
Accuracy:	± 0,4 °C
Humidity	
Measurement range:	0 % RH - 100% RH
Accuracy:	± 3 %RH
Power Supply	5V DC power supply
Wireless communication	
LoRaWAN:	868 MHz (863 - 870 MHz), Class A ('Basic')
Physically	
Size:	H: 166 mm, Ø: 85 mm
Weight:	± 480 grams
Material:	ABS