

Comfort and Indoor Air Quality

CO2, Temperature and Humidity Ambient Sensor

TX CO2 T&H AMB 600-023



- Indoor air quality measurement
- Compatible with LoRaWAN & proprietary LoRa
- High-capacity D-type battery
- Up to 5 years of autonomy
- Very long radio range

Technical Specifications

Physical Characteristics

Protection rating	IP40
Mounting	Wall-mounted
Operating temperature	- 20 / + 55°C
Power supply	Replaceable Lithium 3.6V D-type battery
Battery life	2 years for a transmission every 30 minutes (SF9)

Radio

Supported protocols	LoRaWAN (Class A) and Enless proprietary LoRa
Frequency	868MHz
Addressing	LoRaWAN = DEVEUI, APPEUI, APPKEY (OTAA) Enless proprietary LoRa = Enless LoRa ID
Encryption	LoRaWAN = AES128 Enless proprietary LoRa = No encryption
Transmission power	25mW (14 dBm)

Measurements

CO2

CO2 measurement range 0 - 5000 ppm

CO2 measurement accuracy +/- 100 ppm

Temperature

Sensor measurement range -40 / + 125°C

Sensor accuracy +/- 0,2°C

Sensor resolution 0,1°C

Humidity

Sensor measurement range 0 - 100% rH

Sensor accuracy +/- 2% rH

Sensor resolution 0,1% rH

Certifications



Dimensions (mm)

