

# Comfort and Indoor Air Quality

## Ambient Temperature and Humidity Sensor

TX T&H AMB 600-021



- Measurement of ambient temperature & humidity
- Compatible with LoRaWAN & proprietary LoRa
- High-capacity Type C battery
- Up to 15 years of autonomy
- Very long radio range

### Technical Specifications

#### Physical Characteristics

Protection rating	IP40
Mounting	Wall-mounted
Operating temperature	- 20 / + 55°C
Power supply	3.6V Lithium Type C battery - Replaceable battery
Battery life	5 years for a transmission every 5 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

### 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)

