

Comfort and Indoor Air Quality

Ambient Temperature and Humidity Sensor

TX T&H AMB 600-021



- ✓ Measurement of ambient temperature & humidity
- ✓ LoRaWAN & Enless proprietary LoRa compatible
- ✓ 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 | 10 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 |

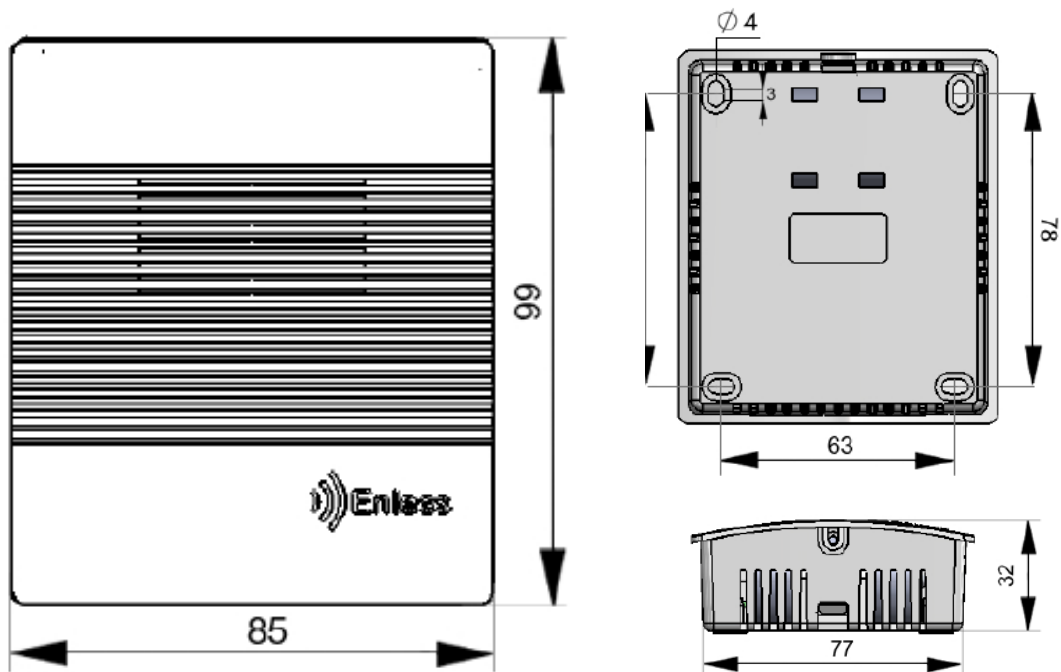
Humidity

| | |
|--------------------------|-------------|
| Sensor measurement range | 0 - 100% rH |
| Sensor accuracy | +/- 2% rH |
| Sensor resolution | 0.1% rH |

Certifications



Dimensions (mm)



DTM43-c