

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

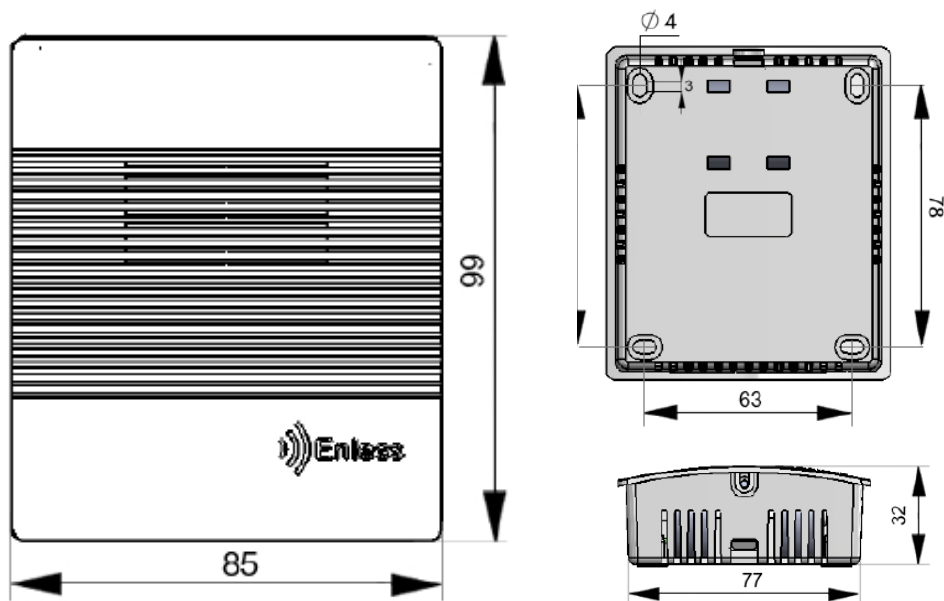
Humidity

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

Certifications



Dimensions (mm)



DTM43-c



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