

Temperature Measurement

Temperature & Humidity Sensor with External Probe

TX T&H EXT 600-034



- External T&H Probe
- IP65 rugged enclosure
- LoRaWAN & proprietary LoRa compatible
- High-capacity D-type battery
- Up to 20 years of autonomy
- Very long radio range

Technical Specifications

Physical Characteristics

Protection rating	IP65
Mounting	Wall-mounted
Operating temperature	- 20 / + 55°C
Power supply	3.6V Lithium D-type battery - Replaceable battery
Battery life	12 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

Probe type External temperature and humidity probe

Temperature

Probe measurement range -40 / + 125°C

Probe accuracy +/- 0,5°C

Probe resolution 0,1°C

Humidity

Probe measurement range 0 - 100% rH

Probe accuracy +/- 2% rH

Probe resolution 0,1°C

Certifications



Dimensions (mm)

