

LoRaWAN Temperature Sensor 2x PT1000 contact probes

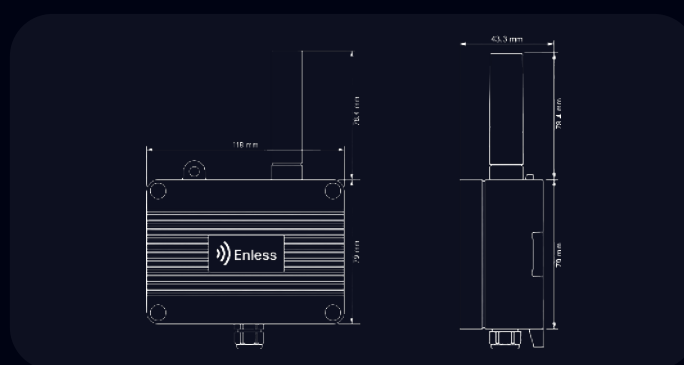
TX TEMP CONT2 600-232



Description

Designed for measuring temperature in contact with surfaces, particularly for hot water applications, this LoRaWAN temperature sensor equipped with two PT1000 probes can measure extreme temperatures (-180 / +250°C). Say goodbye to manual readings and automatically prevent legionella risks with this long-range radio sensor. Compatible with LoRaWAN and LoRa Easy protocols (Enless proprietary protocol), its data can be sent directly to your monitoring system or your BMS, without the need for cabling or heavy work.

Dimensions



Radio

Supported protocols	LoRaWAN LoRa Easy (Enless proprietary protocol)
LoRaWAN Class	Class A
LoRaWAN Version	Version 1.0.2 RP001-1.02. revB
Frequency	EU868 (868 MHz)
Identifiers	LoRaWAN: DevEUI, AppEUI, AppKey LoRa Easy: LoRa ID
Transmission power	25mW (14 dBm)
Encryption	AES128 in LoRaWAN mode

Features

Enclosure protection rating	IP65
Mounting	Wall-mounted (screwed), Clamp, DIN rail
Operating temperature	-20 / +55°C
Power supply	3.6V Lithium Battery type D (BAT D 1000-031) Info: Replaceable battery
Battery life	12 years for a transmission every 5 minutes (SF9) Up to 15 years of autonomy
Configuration	LoRaWAN: Downlink LoRa Easy: From the receiver server

Measurements

Type of probes	PT1000 (2 wires)
Length of probes	2m
Temperature	Probe measurement range: -180 / +250°C Probe accuracy: +/- 0.5°C Probe resolution: 0.01°C

Certifications

