

# LoRaWAN Temperature Sensor 1x PT1000 contact probe

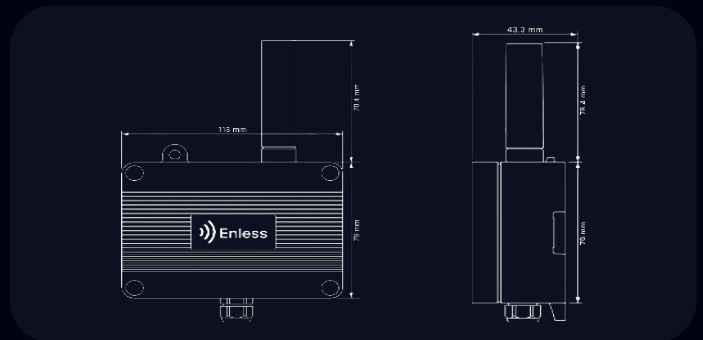
TX TEMP CONT1 600-132



## Description

Designed for measuring temperature in contact with surfaces, this LoRaWAN temperature sensor equipped with a PT1000 probe can measure extreme temperatures (-180 / +250°C), whether in contact with piping for your hot water systems, inside a cold room, or for any other use case requiring temperature measurement in contact with a surface. Compatible with LoRaWAN and LoRa Easy protocols (Enless proprietary protocol), its data can be sent directly to your monitoring system or building management system, 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	US915 (915MHz)
Identifiers	LoRaWAN: DevEUI, AppEUI, AppKey LoRa Easy: LoRa ID
Transmission power	25mW (14 dBm)
Encryption	AES128 in LoRaWAN mode

## Features

Protection rating of the enclosure	Nema 4 / IP65
Mounting	Wall-mounted (screwed), Clamp, DIN Rail
Operating temperature	-20 / +55°C
Power supply	Lithium Battery 3.6V 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's server

## Measurements

Probe type	PT1000 (2 wires)
Probe length	2m
Temperature	Probe measurement range: -180 / +250°C Probe accuracy: +/- 0.5°C Probe resolution: 0.01°C

## Certifications

