

LoRaWAN rugged Temperature Sensor

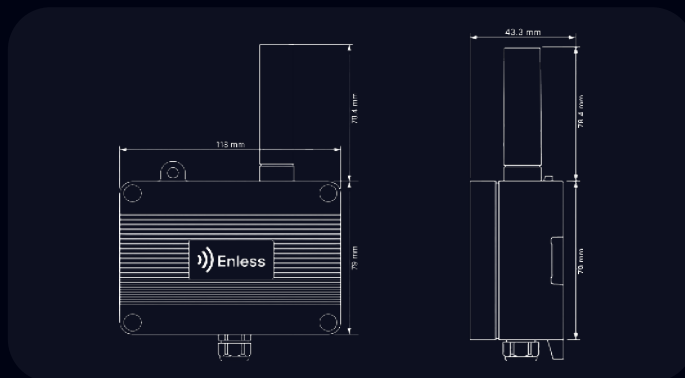
TX TEMP INS 600-131



Description

The Enless rugged LoRaWAN temperature sensor stands out for its ability to withstand the demands of industrial sites. Thanks to its Nema 4 / IP65 casing, it integrates perfectly into your most complex environments to ensure flawless measurements. Compatible with LoRaWAN and LoRa Easy (Enless proprietary protocol), its data can be sent directly to your supervision system or BMS, without cable pulling 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

Enclosure Protection Rating	Nema 4 / IP65
Mounting	Wall (screwed), Collar, DIN Rail
Operating Temperature	-20 / +55°C
Power Supply	3.6V Lithium Battery type D (BAT D 1000-031) Note: Replaceable battery
Battery Life	12 years with transmission every 5 minutes (SF9) Up to 15 years autonomy
Configuration	LoRaWAN: Downlink LoRa Easy: From the receiver server

Measurements

Temperature	Sensor measurement range: -40 / +125°C Sensor accuracy: +/- 0.2°C Sensor resolution: 0.1°C
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Certifications

