

LoRaWAN Pulse Sensor

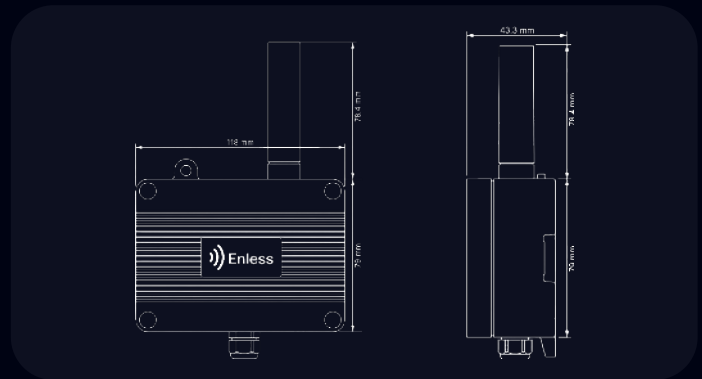
TX PULSE 600-136



Description

Designed for remote meter reading, this LoRaWAN sensor connects to your pulse meters (dry contact or open collector). It counts the number of pulses generated by the meter and periodically sends the index wirelessly. Compatible with LoRaWAN and LoRa Easy protocols (Enless proprietary protocol), its data can be sent directly to your monitoring system or BMS, without the need for cable installation 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-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

Interface	Pulse Inputs
Number of Inputs	2 inputs
Type of Inputs	Dry contact and Open collector
Supported Pulse Type	<ul style="list-style-type: none"> Duration: Minimum 50ms Frequency: Maximum 10Hz
Additional Function	Debounce

Certifications

