

# LoRaWAN Pulse Sensor ATEX Certified

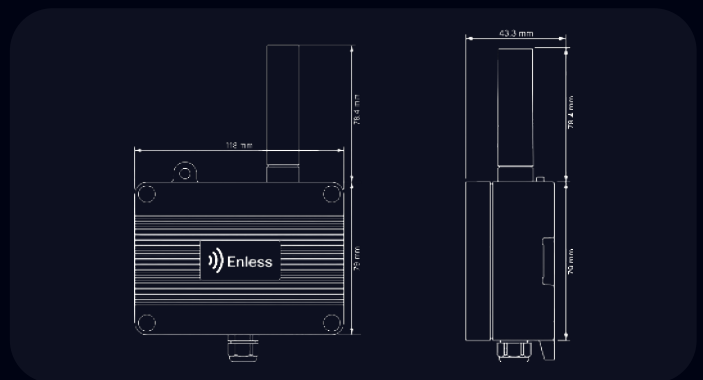
TX PULSE ATEX 600-037



## Description

Designed for remote reading of gas meters, this ATEX certified LoRaWAN sensor (Zone 0) connects to your pulse gas meters via 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	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	Lithium Battery 3.6V type D (BAT D 1000-029) Info: Replaceable battery
Battery Life	12 years for sending 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"> <li>Duration: minimum 50ms</li> <li>Frequency: maximum 10Hz</li> </ul>
Additional Function	Debounce

## Certifications

