

# Smart Metering sensors

## ATEX Certified Pulse Sensor

TX PULSE ATEX 600-037



- ATEX Certification - Zone 0
- Gas meter pulse counting
- LoRaWAN & proprietary LoRa compatible
- High-capacity D-type battery
- Up to 20 years of autonomy
- Very long radio range

### Technical Specifications

#### Physical Characteristics

Protection rating	IP65
Mounting	Wall-mounted
Operating temperature	- 20 / + 55°C
Power supply	3.6V Lithium D-type battery - Replaceable battery
Battery life	12 years for a transmission every 5 minutes (SF9)

#### Radio

Supported protocols	LoRaWAN (Class A) and Enless proprietary LoRa
Frequency	868MHz
Addressing	LoRaWAN = DEVEUI, APPEUI, APPKEY (OTAA) Enless proprietary LoRa = Enless LoRa ID
Encryption	LoRaWAN = AES128 Enless proprietary LoRa = No encryption
Transmission power	25mW (14 dBm)

## Interface

### Pulse inputs

Number of inputs	2 inputs
Type of inputs	Dry Contact / Open Collector
Supported pulse types	Duration: minimum 50ms Frequency: maximum 10Hz
Additional function	Debounce

### Certifications



### Dimensions (mm)

