



PULSE ATEX

Give all your meters communications capability in explosive atmosphere.



ALERT

- Monitor any leaks



MONITOR

- Receive values of the indexes from gas, water, electricity and heat meters
- Monitor over-consumption



BENEFITS

- **ATEX** product: used in explosive atmosphere
 - Gas & steam
 - Zone 1 : immediate proximity to the sensitive area
 - Groupe C : hydrogen gases and vapors, acetylene ...
 - Dust
 - Zone 21 : immediate proximity to the sensitive area
- Up to 2 connectable meters
- Detection of tamper and leaks
- Flow rate monitoring
- Locally and remotely configurable
- Data logging for optimal autonomy
- Redundancy for better service continuity



FUNCTION

Pulse-based interface

PRODUCT USES



Monitor your energy consumption in the immediate proximity of your meter.



Count the opened / closed status or filling volume of a grain silo, placed on a SEVESO site.

TECHNICAL SPECIFICATIONS

- Periodic mode with or without log
 - Data redundancy
 - Soldered battery
- Dimensions: 105 x 50 x 27 mm
- Casing: IP67 (IP68 on request)
- Integrated fastening system: DIN rail, tube, wall, flange
 - Configurable Life Frame
- Zone: Sigfox: RC1 / LoRaWAN: EU863-870 /
 - WM-Bus: 868 on demand (MoQ)
- Operating temperature range: -25°C / +70°C
 - Weight: 70 g
- Standards: Directive 2014/53/EU (RED)
- Alert concerning product, configuration error, low battery

- ATEX Specifications :
 - ATEX II 2 G D
 - Ex ib IIC T4 Gb
 - Ex ib IIIC T135°C Db
 - 20°C < Tamb < +40°C

$U_o \leq 3.9V$; $I_o \leq 6.1mA$; $P_o \leq 6mW$; $C_o \leq 440\mu F$;
 $L_o \leq 930mH$
 $U_i \leq 15V$; $I_i \leq 1000mA$; $P_i \leq 3750mW$; $C_i = 0\mu F$;
 $L_i = 0.13mH$

