



# 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



## FUNCTION

Pulse-based interface

## 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

### DSET ENERGY

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## 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.

- Periodic modes with log
  - Soldered battery
- Dimensions: 105 x 50 x 27 mm
  - Box: IP67 (IP68 on request)
- Integrated fastening system: DIN rail, tube, wall, flange
  - Configurable Life Frame
- Zone: Sigfox: RC1 / LoRaWAN: EU863-870 / WM-Bus: 868
  - Operating temperature range: -20°C to + 75°C
  - Weight: 70 g
  - Standards: Directive 2014/53/EU (RED)
- Alert concerning product, configuration error, low battery

## TECHNICAL SPECIFICATIONS

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

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

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