PULSE ATEX

Give all your meters communications capability in explosive atmosphere.

**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 tampers and leaks
- Flow rate monitoring
- Locally and remotely configurable
- Data logging for optimal autonomy
- Redundancy for better service continuity

**FUNCTION**

Pulse-based interface

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

Uo ≤ 3.9V; Io ≤ 6.1mA; Po ≤ 6mW; Co ≤ 440μF;
Lo ≤ 930mH
Ui ≤ 15V; Ii ≤ 1000mA; Pi ≤ 3750mW; Ci = 0μF;
Li = 0.13mH

CFA-V2