



Binder connector

Make your gas meters communicating in ATEX zone

Pulse ATEX



MONITOR

- Receive values of the indexes from gas meters
- Monitor over-consumption



ALERTE

- Monitor any leaks



Binder

BENEFITS

- **ATEX Zone 1** certified (ATEX II 2 G D)
- Solution already wired to a **Binder connector**
- **Self-powered**
- Emission on **alert or periodic** mode
- Detection of **fraud and leaks**
- **Flow monitoring**
- **Locally and remotely configurable**
- **Data logging** for optimal autonomy
- **Redundancy** for better service continuity



FONCTION

Pulse-based interface

EXAMPLE OF USE CASE



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

TECHNICAL SPECIFICATIONS

PULSE ATEX

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

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

BINDER CONNECTOR

- IP67
- Female-angled connector
 - DIN 6 pins
- UL certification