

ESG-LOGGER-PULSE®

PULSE-COUNTING CONSUMPTION TRACKING



 **LoRaWAN™**



USE CASE



CONSUMER STATEMENT

Consumption statement from pulse counter.
Easy to install and connect.



LEAK DETECTION

Detection of anomalies thanks to its calendar operation and the on-board processing of impulse counting.



PERIOD OF USE

Behaviour monitoring to determine a functioning profile.

PRODUCT HIGHLIGHTS

AUTONOMOUS AND WIRELESS

ESG-Logger-Pulse can be installed anywhere without worrying about wiring, indoor and outdoor. Its magnet installation is simple, fast and automatic.

SET AS YOU WISH

Set up of the ESG-Logger can be adjusted as required, locally or remotely.

IDENTIFICATION BY LED

A bi-color LED allows you to know the condition of the product, facilitates its installation and alerts you in case of an anomaly.

OPTIMIZED ALGORITHM for more than 10 years of battery life depending on the use case.

MANAGES 2 COUNTERS SIMULTANEOUSLY

TIME-STAMPING AND DATALOGGING OF EVENTS (+3000)

REPLACEABLE BATTERY

OPTIONS AVAILABLE:

- Specific sensor on demand,
- Anti-snatching,
- Customization on request:
 - Case color and labeling,
 - Specific business features.

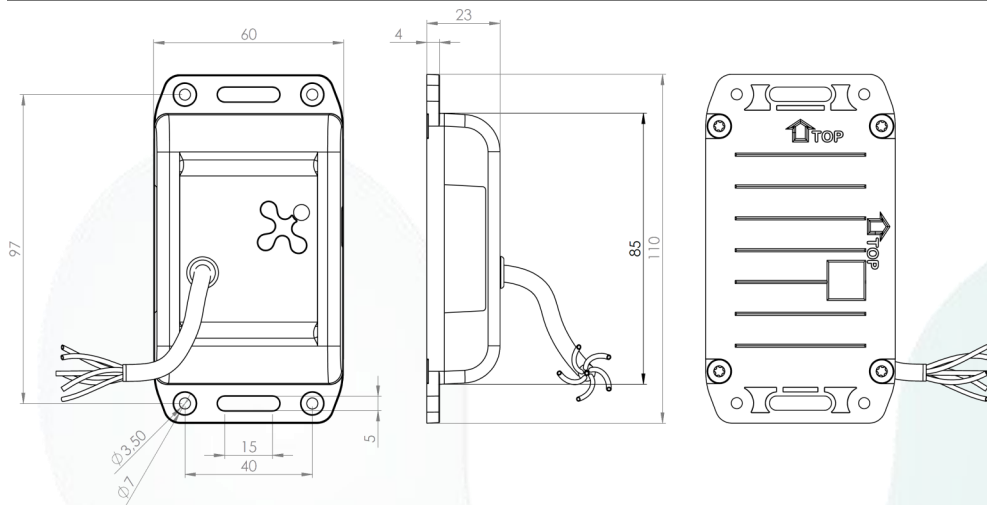
CLOVER-NET TECHNOLOGY



Real-time two-way communication protocol to facilitate the installation and setting of sensors, collection of time-stamped data, automatic inventories, OTA updates...

SPECIFICATIONS

Mechanical specificities



Fastening system

Screw
Magnet (optional)
Glue

Certifications

CE, EN 300-220
ATEX (optional certifiable)

Maximum pulse

Frequency

Fqmax 30hz

Physical characteristics

Battery	Lithium 3.6Ah replaceable
Material	ABS PC V0 UL94
Weight	110 g
IP index	IP55 or IP66 (with seal)
IK index	IK07 or IK08 (with seal)
Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 80°C
Humidity	< 95% without condensation

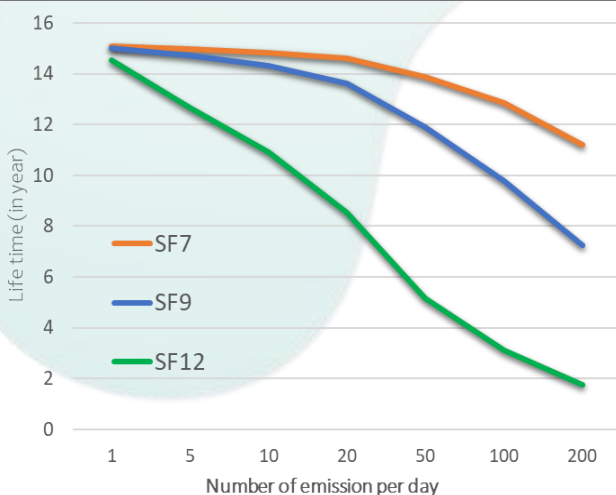


CAUTION: THIS PRODUCT USES LITHIUM BATTERY.
FOR YOUR SAFETY, PLEASE CHECK OUR WEBSITE.

Communication

LoRaWAN	Class A EU868, 915US, AU915, AS923 Private and public Network OTAA and ABP Power transmission : 14dBm (EU) to 20dBm max Operator compatible : Objenious, Orange ... Network core providers : Actility, Orbiwise, TTN, Lorient ...
SigFox (option)	RC1, RC2, RC4
CloverNet	Broadcast, multicast, point-to-point

Battery life



Use case

Pulse counting
Periodic or tier emission

Data transmitted

Pulse counting
Time-recorded measurements
Alarm in case of leak (strong or residual)
Alarm in case of snatching
History with time stamp
Activity data (battery, etc.)
Setting up by Downlink

INEO-SENSE

125 Rue de L'hostellerie,
Immeuble ELLIPSIS, Niv 4 Porte 12
30 900 Nîmes — France

Phone : +33 466 276 495
Web : www.ineo-sense.com
contact@ineo-sense.com

© 2020 Ineo-Sense. All rights reserved. Clover-Net, Clover-Sense, ESG-Logger, are trademarks of Ineo-Sense company. All other brands mentioned are the property of their respective holders. This is non-contractual document, and may be modified without notice.