OVERFLOW, capacitive overflow detector

- **Settings configuration via Bluetooth BLE**
- **Modbus output, pulse open drain, NO, NC**
- **PLC and process compatible**
- **Air referenced capacitive technology**
- **Patented by IJINUS**
- **IP68 sealing**
- **Fouling management and monitoring**
- **Dynamic analysis of thresholds**
- **100 events logger**

This new wired Overflow detector incorporates CapAir® technology, patented by IJINUS, simplifying installation and considerably reducing maintenance compared with resistive or capacitive technologies.

CapAir® technology, an **air-referenced capacitive measurement, allows reliable and unrivalled detection of overflows in wastewater networks under the most difficult conditions.** This new overflow detector allows numbers and duration of overflows to be recorded.

This detector allows secure recording of overflows even in the event of a power cut.
It has an **internal memory and battery** that allows it to record "100 overflow events", to download them via the BT mobile application and send them by email, even in the event of a supply failure.

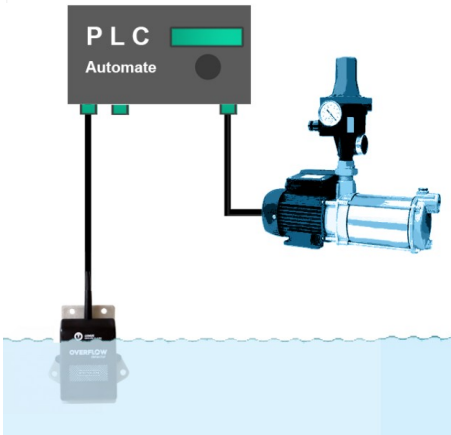
Communication & configuration

This new overflow detector is **configured via Bluetooth Low Energy (BLE) using the Overflow mobile app** available on Android. No activation of the detector is required.
This App allows you to check or modify the capacitive saturation threshold used to switch the product to the submerged state. Other parameters can also be modified: measurement period, type of digital output (NO, NC, Pulse), etc.

GSM / GPRS / 4G Communication

The Overflow detector connects and communicates its **data via a wired connection to a LNU06V4 or LNR06V4 sensor or to a LOGV4 data logger.**
If they are equipped with a cellular card, data can be sent via GSM/GPRS to a supervision software application or ijitrack.com.

Modbus Communication



The bare wire overflow detector version, **connected to a PLC**, allows a change of status to be sent to the PLC, as well as a fouling indicator (if Modbus interface configured).

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OVERFLOW, the capacitive overflow detector

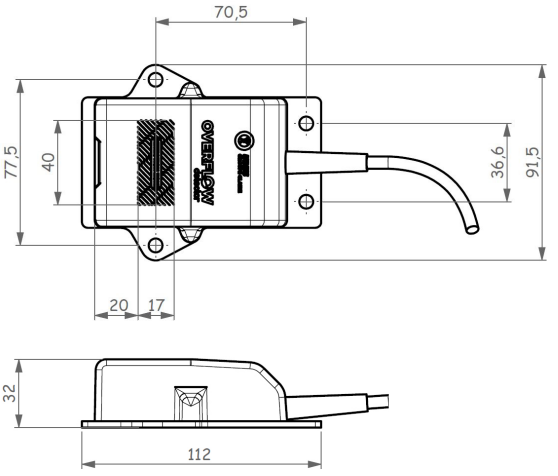
Wired capacitive overflow detector

To be uses with LOG03V4 or LOG04V4 data logger, or a radar water level sensor LNR06V4, or an ultrasonic level sensor LNU06V4, PLC and pumps

Technology	Capacitive technology with air referential IJINUS Patent
Detection threshold	Factory setting : 90 % on the maximale capacitive calibrated value
Operating temperature	-20 ...50°C
Housing	Black crystalline polymer
Fixing plate material	Inox
Sealing	IP68
Power supply **Internal battery :** **or external power supply :**	- Lithium battery, replaceable by an experienced technician (Up to 5 years autonomy with factory setting) - 9...24V DC
Configuration	the Overflow mobile App available from the **Android Play Store**
Output	1 Modbus RS485 1 Open drain output configurable as pulse, normally open (NO) or normally closed (NC)
Versions	- Bare wire 8 brins : **CSCV4-110** - with connector M12 8Pts : **CSCV4-810** - with connector for ISCO portable sampler : **CSCV4-710-ISCO** - with connector for ISCO 5800 stationary sampler : **CSCV4-1610-ISCO**

Cable length	10m
Dimensions with mounting plate	91 x 112 x 32 mm
Weight	270g without cable 790g with cable

Dimensions



Fixing kit : **H0T00054** (without tube)
Extension kit : **H0T00056**