

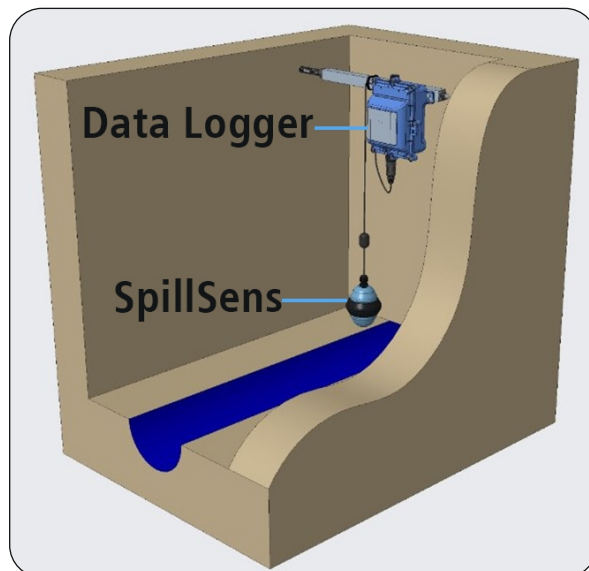
SpillSens | ATEX Certified Digital Float Sensor | Monitor Sewage Rising Levels



SpillSens is a Low-Cost, Multi-alarm Digital Float Sensor designed to act as an Early Warning System for Blockages and Sewer overflows for detecting rising Sewage/Wastewater exceeding critical levels in smaller/shallower Sewage lines chambers.

ATEX-approved and built to withstand harsh sewer environments, SpillSens uses digital positioning technology to **monitor rising levels in the waste water network**. When installed at a specific height in the chamber, SpillSens uses **digital positioning technology** to determine whether it is hanging vertically in mid-air or floating in wastewater.

As network levels alter, the tilt angle of the sensor is continuously monitored and if the tilt angle enters a **pre-set range**, **alert messages** are transmitted to the SpillGuard cloud based web portal.



Key Features and Benefits

- **Three levels of alert:** green, amber and red; based on the angle of the sensor:
 - Green - vertical orientation, network operating as expected
 - Amber - movement in orientation, high alert triggered
 - Red - sensor movement $>110^\circ$, high/high alert triggered
- **Intrinsically safe:** Certified for use in Zone 0 hazardous areas.
- **No moving components:** Designed to have no moving parts, unlike traditional steel ball and micro-switch state sensors
- **Robust design:** Durable materials not adversely affected by long-term exposure to waste water environments
- **Cable length options:** Available with 0.5m, 1m, 2m or 3m cable lengths
- **Compatibility:** Works in conjunction with Intelligens WW and various other HWM data loggers
- **Online data viewing:** Via SpillGuard; providing Map View and a variety of valuable features

Applications

Connected to an advanced data logger with integral telemetry, alert messages are transmitted to a dedicated cloud server user portal.

SpillSens is a simple to install, robust and cost-effective solution for long-term level monitoring in waste water/sewage networks.

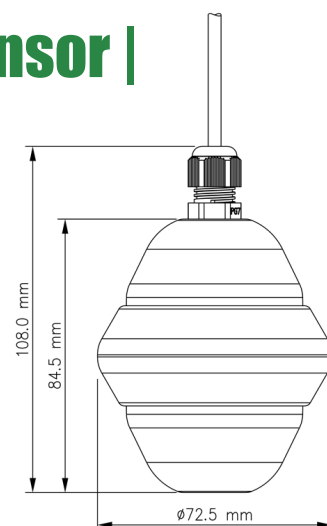
SpillSens can be connected to, and is powered by, a variety of HWM data loggers. For an intrinsically safe, robust and cost-effective solution we recommend **Intelligens WW**.

The datalogger transmits data through an integral modem with advanced cellular tech built in.

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Technical Specifications:

Feature	Specification
Operating Temp.	-20 to 60°C
Dimensions (HxD)	108mmx72.5 mm
Weight	130g (without cable)
Battery	Powered by connected data logger
Cables	0.5m, 1m, 2m or 3m lengths available



Complimentary Devices:

1 Intelligens WW

ATEX Certified Data Logger

Intelligens WW is a truly flexible data logger specifically engineered for the rigours of waste water applications. Intrinsically safe and built for compatibility, the versatile Intelligens logger can be tailored to meet a variety of specific user needs.

2 SpillGuard

Online Data Viewing Portal

SpillGuard is the dedicated online portal for the monitoring and fleet management of HWM's unique multi-level alert system.

Using Google Maps, SpillGuard provides a **detailed map interface** which colour codes the status of each individual installation. The three alert levels (green, amber and red) can be supplemented with user-assigned statuses, such as "site under investigation" or "alert cleared".

SpillGuard can display general **site statistics and trends**, as well as specific site details. Individual users and reports are managed using an advanced platform which includes the option to forward alarm messages via e-mail or SMS.

Spill Events

3

No Spills

7



Spill trends:



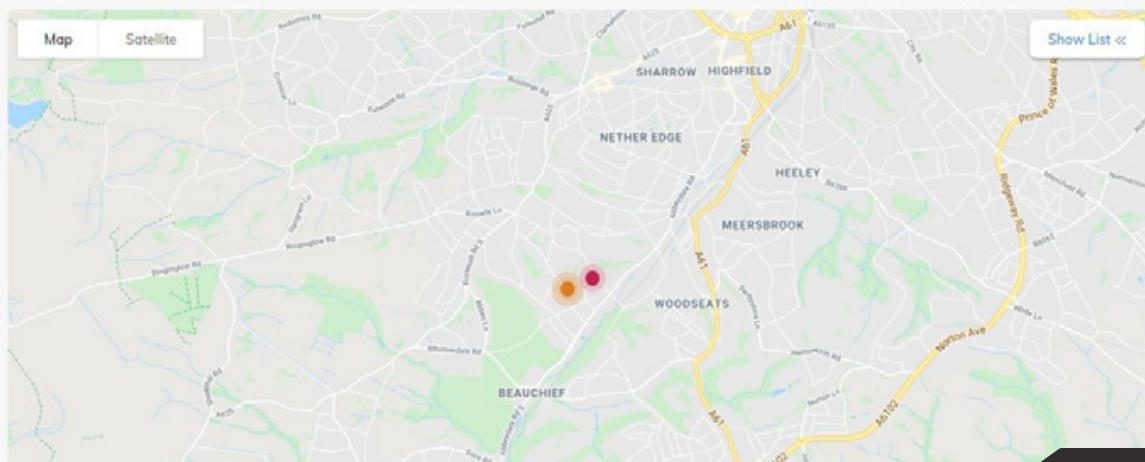
Latest Events:

3 Total

Oakfield Road
about 1 hour ago

Mill Lane
about 17 hours ago

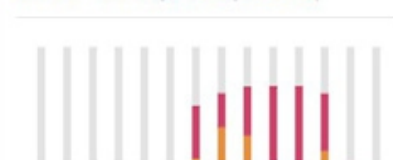
Salcombe Close
2 days ago



Current

Status:

Duration: 17 hours (17 hours | 0 seconds)



Previous events

For the last

14 days

Days with events

7

