

Wireless sensor with measuring ladder

- Ideal for closed environment tanks.
- Shows the degree of filling of the liquid in 0-100%.
- The measuring steps are made to fit the tank.
- Level of aggressive chemicals can be measured.
- SMS-alarm at desired levels.
- Automatic registration and journaling.
- Accessible via the Internet, where content can be displayed in cubic meters.
- Easy installation in 10 minutes, wireless, magnetic mounts.

The wireless sensor constantly monitors the level as well as itself and the communication. Installed in 10 minutes, with no impact. Transmits from within tanks and wells. Factory calibrated and sealed delivery. Service and calibration are available as optional services. Alarms can be delivered by closing relay output, audio, flash and SMS.

Technical specification

ATEX:	The sensor is unique intrinsically safe without hot surface, sparks or other external or internal risks unintentional handling or faults that make it according to the ATEX directive 94/9 / EC, section 5.2.1, a so-called "Simple product" and therefore not subject to certification. It can be inserted in zone 0, 1, or 2. As it really does not, strictly speaking, get "installed". It is placed in the right place at the right height with the magnetic brackets on the cast iron cover seat, so there is no installation, coupling or grounding problem. The product surfaces, except the measuring rod, are polymeric with antistatic treatment.
Measured value, temp:	-30°C to +100°C 0,1°C resolution 0,2°C inaccuracy
Design:	With luminous LED display for manual reading at site in dark and dirty environments.
Size:	78 × 116 × 24 mm, plus mätstegens längd.
Weight:	140 grams + measuring ladder weighing 200-500 grams.
Protection:	IP-68, fully tight
Operation:	With patented non-contact activation key * for; - Manual report. - Identification for recipient access. - Off-identification to remove a device from the system and deactivate it.
Display:	3-digit luminous green LED, 15 × 35 mm, clearly visible even in the dark.
Indication:	* Radio transmission of automatic or manual report.
Technology:	Durable surface mounted devices (SMD), microprocessor based Compatible with the industrial wireless control system RadioPLC®. Data transfer: License-free low power ISM radio.
Range:	Range 10-20 m from the manhole covers without repeaters. With repeater another 100-500 m.
Battery:	Integrated, with expected life of 11-17 years, service with replacement system as option. Intelligent battery saving technology, the battery is used only when significant changes occur.

* TermoSense® and RadioPLC® are registered trademarks # 399593 and 380443. The products are covered by 7 patents, 0601964-0, 0602021-8, 0850069-6, 1150137-6, 1150138-4, 1230113-1 and 1230114-9.



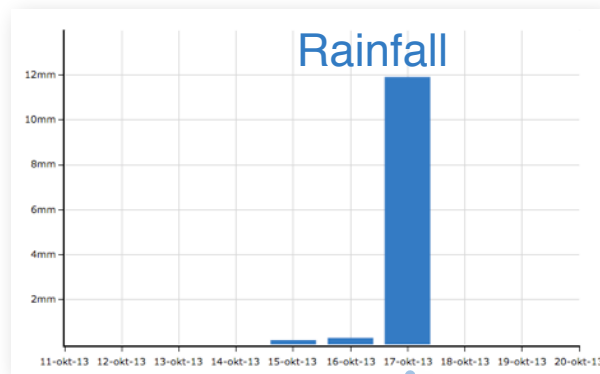
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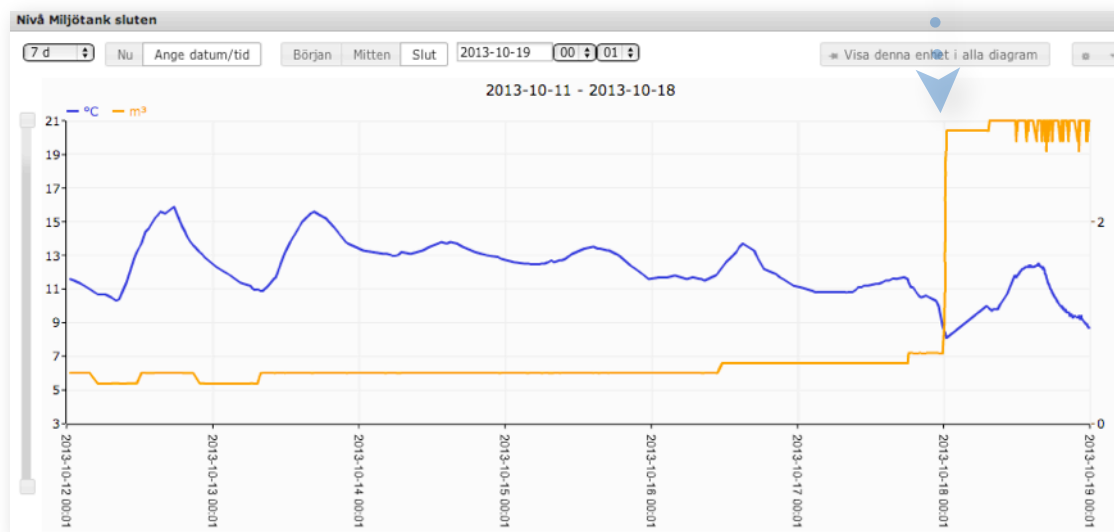
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Discover inflow of storm and surface water

Inflow of stormwater and surface water is detected directly using the level sensor diagram. The diagram below shows a rainy day in Eskilstuna that fills the environmental tank



Level increase in the environmental tank



The rain water (at the garage 12 millimeters) enters the environmental tank and replenishes with 2.3 cubic meters. The discovery that the tank gets full means that large unnecessary costs are identified, can be saved, and that the savings can be secured with sensor data.

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