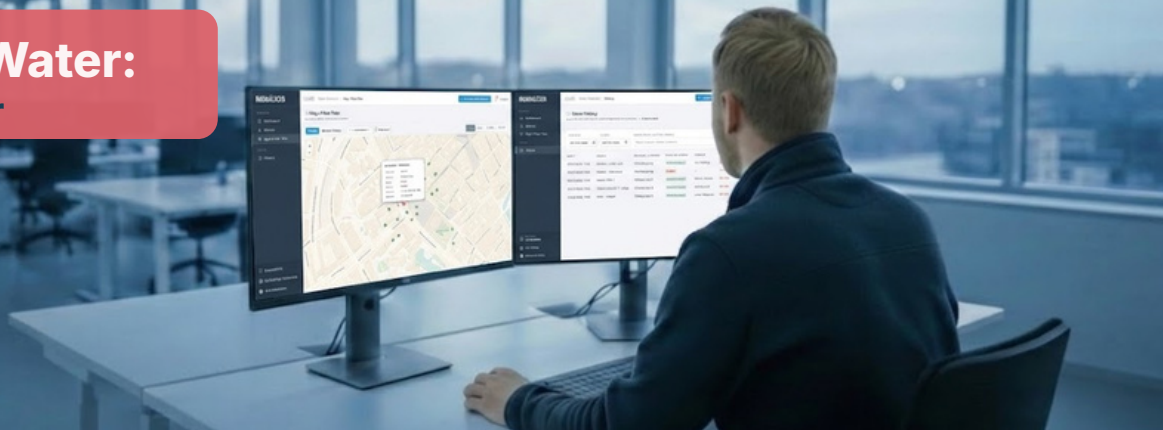


RoomAlyzer Water: Water rope sensor



Comprehensive protection over isolated data points.

The Water Rope Sensor provides continuous zone detection via a flexible 3 m cable (can be ordered up to 50 m). Unlike point-based sensors, it reliably detects conductive liquids at any position along its entire length—triggered by as little as 50 mm of contact. Whether wrapped around equipment, routed along pipes, or laid under raised floors, the cable creates a seamless safety net for sensitive areas like archives, server rooms, and labs. Data is transmitted via the dedicated NB-IoT network, operating entirely independently of local Wi-Fi, routers, or gateways. This unparalleled signal penetration makes it the ideal solution for challenging environments such as deep basements, technical shafts, and shielded control cabinets.

Water rope sensor



**Water detection along the entire cable
and real-time alerts**



Compact leakage sensor dimensions:
Compact (IP30): H95 x W66 x D25 mm
Pro (IP67 waterproof): H124 x W60 x D26 mm

Your three core benefits:

- **Maximum coverage with zone detection:** Instead of guessing where water will accumulate, the cable creates a continuous monitoring zone – ideal for encircling server racks or routing along pipework.
- **Prevention of critical infrastructure damage:** A leak in a server room or archive can quickly bring operations to a standstill. The sensor alerts you immediately at the slightest contact with liquid, allowing you to stop the incident before it destroys equipment or valuable assets.
- **Flexible installation without limits:** NB-IoT technology enables separate positioning. You can place the device for optimal signal reception, whilst the flexible 3 m sensor cable (can be ordered up to 50 m) is routed exactly where the risk of leakage exists.

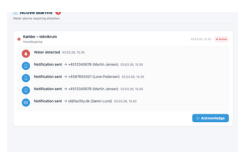
RoomAlyzer: The intelligent brain behind your sensors

Our platform transforms technical measurements into active protection for your assets. We combine years of experience with intelligent algorithms to ensure that the right people are informed at the right time.



Event notification when it matters most:

Receive an immediate notification via email or SMS upon the detection of conductive liquid. You can specify various recipients so that both facility management and security personnel are informed instantly.



Seamless history and documentation:

With RoomAlyzer's detailed incident log, you transform technical data into a powerful reporting tool. You secure an objective basis for negotiation with insurance companies and sustainably strengthen management's trust.



Seamless and scalable roll-out:

As the sensor runs on NB-IoT and is independent of your local Wi-Fi, you completely avoid cumbersome approval processes with the IT department. This makes the system ideal for lightning-fast deployment across large property portfolios.

RoomAlyzer Water:

Water rope sensor

Two versions – equally powerful technology:

To ensure optimal protection in any environment, the water detector is available in two versions. Both utilise intelligent RoomAlyzer technology:

1. **Water rope Pro (IP67):** The robust, fully waterproof variant. It has the same dimensions as our outdoor sensor and was developed for the harshest conditions, such as deep shafts, outdoor cisterns, or damp basements.
2. **Water rope Compact (IP30):** The discreet variant featuring the compact dimensions of our Full+ and Mini+ sensors. Ideal for indoor use, in control cabinets, under sinks, or behind technical installations.

Your advantages with a simple and secure system:

Function	RoomAlyzer-advantage	Your benefit
Communication	NB-IoT (Narrow Band IoT).	Stable connection without the need for Wi-Fi or gateways, even in basements.
Operation	Up to 7 years of battery life.	Long-term monitoring with minimal maintenance.
Measurements	3 m detection cable (can be ordered up to 50 m).	Provides immediate alarms.
System integration	Open REST API, Webhooks, and MCP for AI agents.	Easy integration into your existing FM systems.
Data security	End-to-end encryption and EU hosting.	Secures your data and simplifies NIS2 compliance.
Personal data & GDPR	No personally identifiable data.	Minimal administrative effort, as the measurements do not fall under strict GDPR regulations.



Technical specifications:

Sensors:	3 m cable (can be ordered up to 50 m)	Mounting:	Screws or peel-and-stick tape
Precision:	Instantly detects conductive liquid upon cable contact	Measures:	
Operating range:	Max. +70 °C	(Pro / IP67):	H124 x W60 x D26 mm
Communication:	NB-IoT (Narrow Band Internet of Things)	(Compact/ IP30):	H95 x W66 x D25 mm
Control software:	Web application and mobile app (iOS/Android)	Probe:	0.6 mm in diameter, cable weight 500 g
Open API:	Easy integration into third-party systems	Material:	Durable plastic (Polycarbonate)
Battery:	Up to 7 years. Replaceable pack (3 x AA, 6,300 mAh)	Application:	Archives, server rooms, laboratories, HVAC, etc.
		Certification:	CE, UKCA, and WEEE certified