

WATER GUARD

WATER LEAK DETECTOR



The Water Guard is a compact water leak detector with a 2-in-1 design that supports two installation modes. It provides reliable protection against both gradual leaks and sudden flooding in monitored areas, ensuring the detector remains securely in place and protected from being submerged or washed away.



Data Encryption with AES Algorithm with Floating Code

The SAFEKeeper encrypted communication protocol ensures maximum protection of the security system.



Radio Signal Range up to 1200 m

Stable and efficient communication with a range of up to 1200 m in open space.



Bidirectional Information Transfer between Devices

Uninterrupted interaction between the central unit and devices using AES128 encryption.



3-Contact Water Leak Detection

High sensitivity enabled by three specialized contact probes that instantly detect even the smallest water leak.



Active 24 Hours a Day

Continuous water leak detection 24 hours a day, 7 days a week.



Transformers Unique 2 in 1 Cover Design

Water Guard can be placed directly on the floor in areas at risk of leakage, or you can simply position the compact sensor with its three contact probes on the ground.



Firmware Update via Cloud Services

Adding new features, enhancing software security and expanding the security system capabilities.



Add a Device to the System by Scanning a QR Code

Adding a detector is simple with the ProSAFE app. Just scan the device's unique QR code and configure the required functions.



Up to 3 Years of Battery Life

Powered by a replaceable battery that ensures continuous operation for up to 3 years.



Protection Against Radio Signal Interference

If signal interference is detected, the user is alerted, and the device automatically switches to a clear frequency band.



Integrated Temperature Sensor

The sensor includes a temperature function with adjustable high and low limits, triggering an alarm and displaying the current temperature whenever these thresholds are exceeded.



IPX5 waterproof Housing

The IPX5-rated waterproof housing is highly resistant to moisture and water spray from any direction.

Technical Specifications - Water Guard

Model Identification

SAFE 38210	White EAN code - 0728204234785
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Interface

Indication	1× green LED
Button	1× power button

Function

Sabotage Contact	No
Remote Update	Yes (Cloud)
Temperature Sensor	Yes
Low Battery Alarm	Yes

Wireless Transmission

Carrier Frequency	868.0 MHz – 868.6 MHz
Transmitter Power (EIRP)	Limit 25 mW
Communication Type	Bidirectional
Communication Distance	Up to 1,200 m (3937.01 ft) in open space
Encryption Mode	AES128
Frequency Hopping	Yes (automatic)

Temperature Parameters

Measuring Range	-15 °C to +65 °C (+18.8 °F to +149 °F) (indoors)
Measurement Accuracy	±1 °C (± 33.8 °F)
Resolution	1 °C (33.8 °F)

Detection Parameters

Sensor	Water leak sensor
Sensitivity	Adjustable

Transformers Unique 2 in 1 Cover Design

Designed as a 2-in-1 solution, the Transformers cover allows the Water Guard to be placed freely on the floor in areas with a risk of leakage or securely mounted using a smart wall bracket to prevent it from being washed away during rapid flooding. In this setup, only the compact sensor with its three water-detection contacts remains on the floor, while the detector itself stays safely positioned at an elevated height, fixed to the bracket. The detector's IPX5-rated waterproof housing ensures high resistance to moisture and water jets from any direction.

Abnormal Temperature Alert

Water Guard features an integrated temperature sensor that provides a clear overview of the current temperature at the installation site and can alert you when preset high or low temperature thresholds are exceeded. Once the temperature returns to the defined range, the system notifies the user that normal conditions have been restored. This practical function ensures timely temperature-related updates for the monitored space and can, for example, help identify anomalies caused by underfloor heating failures.

Alarm Alert Verification

For quick insight into the scale and urgency of a water-leak or flooding event, you can activate scenario-based links to other alarm system components in the ProSAFE app. A motion detector with an integrated photo camera can automatically capture and send images, while a smart IP camera enables live video monitoring of the affected area. With visual photo or video verification of the alarm, you can significantly reduce potential damage in technical rooms such as pump stations, pool filtration areas, storage tanks, water tanks, boiler rooms, and similar spaces.



Technical Specifications - Water Guard

General

Power Supply	1× CR123A battery
Power Consumption	Max. 144 mW
Current Consumption	≤28.5 µA (operation) ≤5.8 mA (alarm)
Battery Life	3 years with one activation per day
Operating Temperature	-10 °C to +55 °C (+14 °F to +131 °F) (indoors)
Operating Humidity	10 % to 90 % (RH)
Storage Conditions	Temperature: -10 °C to +55 °C (+14 °F to +131 °F) Humidity: 10 % to 90 % (RH)
Product Dimensions	84.7 mm × 84.7 mm × 32.5 mm (3.33" × 3.33" × 1.28") (L × W × H)
Package Dimensions	137 mm × 98 mm × 57 mm (5.39" × 3.86" × 2.20") (L × W × H)
Weight (net)	100 g (0.22 lb)
Weight (gross)	181 g (0.40 lb)
Installation	Bracket mount, wall mount
Housing Material	PC + ABS
Degree of Protection	IPX5
Compatibility	Hub 2 Plus LTE SAFE 38300
Compliance	CE
Warranty	36 months

Compact, Reliable with Maximum Endurance

The flood detector is powered by a single replaceable CR123A battery, supported by an efficient power-management mechanism that enables continuous operation for up to 3 years without replacement. In the ProSAFE mobile app you can monitor the current status information transmitted by the detector, including battery level, radio signal strength, room temperature and a complete log of generated events.

SAFE Keeper Wireless Communication

SAFE Keeper is a radio protocol designed for the SAFE wireless security system. It operates at a frequency of 868.0-868.6 MHz and provides an interference-free communication range of over 2,000 m in open areas. Protected by AES128 encryption and a bi-directional communication mechanism, it ensures enhanced security for the transmitted data. In case of radio signal interference, the user is notified and the device automatically switches to a clear frequency band. The device is reliably protected against software-level threats. SAFE Keeper delivers the maximum and effective protection of the wireless security system.

