

- secure two-way radio communication with MAKS PRO
- 868,0 ... 868.6MHz, several channels for redundancy, range up to 2000 m
- power - two lithium batteries AAA, up to 5 years of operation
- no installation required, just put the sensor on the bathroom floor, under the washing machine or dishwasher
- 4 contacts to detect water leakage
- accelerometer for flipping detection



Wireless sensor is designed to detect water leakage. The device sends an alarm notification to the alarm center MAKS PRO.

No installation required, for indoor use.

Radio communication

The detector transceiver operates in several channels of 868.0 ... 868.6 MHz band for redundancy.

Secure two-way radio communication.

Distance - up to 2000 m in the open space.

Three grades of power, maximum - up to 20 mW.

Setting up

The detector operates only with the MAKS PRO wireless security system center, connection to other systems is not provided.

The sensor is connected to the security center and is configured using the MAKS Setup mobile application.



Features

Four adjustable gold-plated contact. Operation of two or more sensors at the same time is an alarm.

Built-in accelerometer to detect flipping or incorrect installation.

Sealed case and a temperature sensor.

Batteries

The device uses two AAA batteries

Lithium batteries (FR03)	Usage allowed
Alkaline batteries (LR03)	Included
Salt batteries (R03)	Do not use!

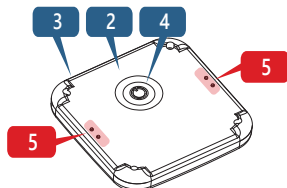
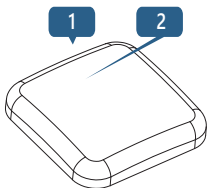
Characteristics

Number of contacts	4
ISM wireless interface, up to 2000 m	868,0... 868,6 MHz
Power (battery included)	two batteries AAA (LR03) 3V
standby consumption	no more than 5 μ A
transmission consumption	up to 50 mA
service life of battery	up to 5 years
Operating temperature range	-10°C to +55°C
Dimensions	67,5 x 67 x 18 mm
Case color	white, black
Weight	55 grams
Protection class	IP65

For more information on setting up and operating the device, please visit www.maks.systems

Functional parts of the device

1. Top view of the detector case
2. LED indicator
3. Bottom view of the detector case
4. On/off button
5. Sensor contacts



Installation and connection

Registration and setup

1. Place the detector at a distance of no more than 2 m from the MAKS PRO security center. The registration runs at the lowest possible power to avoid the influence of neighboring systems which can be being set up nearby.
2. Start the MAKS Setup application
3. Follow the instructions of the application to connect to the MAKS PRO and start the registration of MAKS wireless devices
4. Turn on the MAKS Water, after 10-20 seconds it will be registered
5. Set up a new device in your mobile application
6. Put the detector on a horizontal surface near the possible water leakage place.

Attention! If the device is incorrectly installed or flipped, the accelerometer will be triggered and alarm notification to the MAKS PRO will be sent.

Selecting the installation location

Carefully select the installation location of the MAKS Water detector.

The device should not be placed:

1. Outdoors or in areas with unacceptable humidity and temperature
2. In places with a high level of radio interference
3. Near objects that can cause radio signal attenuation or shielding (metal, mirrors, etc.)
4. At a distance of less than 1 m from the security center

Indication in communication test mode

Excellent connection - LED indicator flashes green

Satisfactory connection - LED indicator flashes yellow

Poor connection - LED indicator flashes red

No connection - LED indicator flashes red quickly

In test mode, the unit's radio transmitter operates at medium power.

Switching on and off

Press button **4** to turn on the device - the indicator will be on. If the device is registered in the MAKS PRO, it switches to standby mode. If the sensor is not registered, it will switch to sleep mode after 30 seconds. To turn off the device, press and hold button **4** for 5 seconds.

Battery replacement

1. Unscrew case back cover **3**
2. Carefully remove the upper part of case to prevent damage of the sealing silicone gasket
3. Replace the batteries and reassemble the device