Wireless flood detector

Code: JA-151F

A wireless detector for emergency water leak detection can help prevent considerable damage in cases where a hose, seal, or another component of the water system or a connected appliance fails. The detector triggers an alarm at the very onset of a leak, allowing users to respond immediately. If the security system is connected to the main water shut-off valve, the system can automatically turn off the water in the event of an alarm, protecting the property even if nobody is home. The product is only compatible with JA-102K, JA-103K, JA-107K, JA-152KR control panels or newer.

Product description:

The detector can simply be placed behind an appliance or in another at-risk location. Four detection pins evaluate the presence of water on all edges of the detector. It is also possible to install the detector on a wall. The included adhesive magnetic holder allows for quick installation without drilling into tiles and allows easy removal of the detector, for example, during cleaning or battery replacement. The elegant design of the product fits perfectly, even in visible locations, such as under a washbasin cabinet.

Warning: Despite maximum sealing, the product is not intended for permanent immersion. In the case of substantial flooding of the detector during an emergency, it must be opened, the batteries removed, and thoroughly dried before further use to prevent oxidation of the electronics.

Technical information:

Power	2x alkaline battery, type AAA (LR03; 1.5 V / 1 Ah) Please note: Battery not included.
Typical battery lifetime	cca 3 years (for max. 20 activation per day)
Low battery voltage	<2.2 V
Quiescent current consumption	14 µA
Maximum current consumption	50 mA
Communication frequency	868.1 MHz, Jablotron protocol
Maximum RF power (ERP)	<25 mW
Communication range	cca 300 m (open area)
Dimensions	100 x 33 x 15 mm
Weight (without battery)	25 g
Environment	indoor general
Operational temperature range	-10 °C to +40 °C
Average operational humidity	75%, non-condensation
IP rating	IP65

Complies with	ETSI EN 300 220-2, EN 50130-4, EN 55032, EN 62368-1, EN IEC 63000
Can be operated according to	ERC REC 70-03