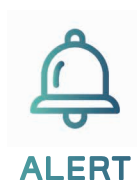


Water leak spot

IP68

Detecting a water leak on the ground, around an object or equipment.

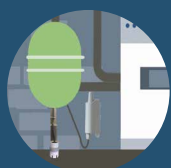


- Raise an alert in the event of the presence of water
- Warn of return to normal

Additional features:



- **Data transmission:**
 - if water is detected
 - by default every 4 hours
- **Error/fault management:** product error warning, configuration error, low battery
- **Data time stamping**
- **Network quality test at start-up**



Monitor the presence of water in a specific area and prevent damage in the event of rising water.



Monitor the presence of water in a room containing sensitive high-tech equipment.

TECHNICAL SPECIFICATIONS



LoRaWAN ARF8170BCA-B04

DRY CONTACTS

Mechanical specifications

Weight	87g (battery included)
Dimensions	132 x 62 x 34 mm
Enclosure	IP68, EMERGE™ PC 8731HH grey resin (casing), EMERGE™ PC 8430-15 transparent resin (sole)
Mounting	DIN Rail, Tube, Wall, Collar

Operating conditions

Temperature	-25°C / +70°C
Humidity	0 to 85% RH (non-condensing)

Device Power Supply

Battery Type	1 replaceable battery or external power supply
Expected Battery Life	With standard configuration: >10 years

Device configuration

Local device configuration	IoT Configurator
Remote device configuration	Downlink via the network or via the KARE platform
Configuration and firmware update from the air	KARE+ compatible
Security	PIN/PUK Code protection

Radio/Wireless

Supported regions	LoRaWAN EU863-870
Wireless Security	AES-128 data encryption
Class	Class A
Supported LoRaWAN features	OTAA, ABP, ADR, adaptive channel setup
RF transmit power	14 dBm (25 mW)
Sensitivity	-136 dBm EU868 @SF12

Regulations and certifications

Standard	Directive 2014/53/UE (RED)
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WATER SENSOR

Cable Length	3,2 meters
Installation	Flat angle brack to fixed the sensor under an equipment or along a wall
Detection	Electrode
Liquid	Only Water (conductive liquid)

