

Water leak spot

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

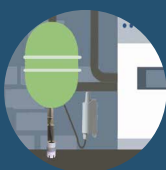


- Raise an alert in the event of the presence of water
- Warn of return to normal

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** (LoRaWAN)
- **Network quality test at start-up** (LoRaWAN)



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 ARF8170BA-B04 | Sigfox ARF8171BA-B04

DRY CONTACTS

Mechanical specifications

Weight	90g (battery included)
Dimensions	105 x 50 x 27mm
Enclosure	IP67, 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
Expected Battery Life	With the default configuration : Sigfox: 4 years LoRaWAN: >10 years

Device configuration

Local device configuration	IoT Configurator
Remote device configuration	Downlink via the network or via the KARE platform or through the KARE platform
Security	PIN/PUK Code protection

Radio/Wireless

Supported regions	LoRaWAN EU863-870 / Sigfox RC1
Wireless Security	AES-128 data encryption (LoRaWAN only)
Class	LoRaWAN: Class A Sigfox: Class 0
Supported LoRaWAN features	OTAA, ABP, ADR, adaptive channel setup
RF transmit power	14 dBm (25 mW)
Sensitivity	-136 dBm LoRaWAN EU868 @SF12 -124 dBm Sigfox RC1

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)

