

# Water leak cable

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

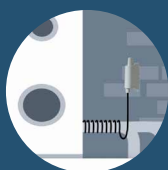


- Raise an alert in the event of the presence of water
- Warn of return to normal

#### 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)**



Wrap the sensing cable around a water pipe in order to detect a possible leak.



Position the cable around sensitive elements or along baseboards to be warned of possible water damage.

# TECHNICAL SPECIFICATIONS



## LoRaWAN ARF8170BA-B03 | Sigfox ARF8171BA-B03

### 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
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)
----------	----------------------------

### WATER SENSOR

Cable Length	2 meters
Installation	Arround an equipment, along a wall or rolled around a pipe
Detection	Capillary action
Liquid	Only Water (conductive liquid)





**Delmation**  
products



## Delmation Products

Blauw-roodlaan 300  
2718 SK Zoetermeer  
079 - 342 20 41

[www.delmation.nl](http://www.delmation.nl) | [info@delmation.nl](mailto:info@delmation.nl)