Water leak cable

IP68
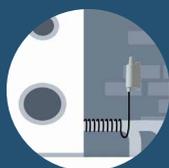
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IOT PRODUCTS & SOLUTIONS

LoRa Alliance Certified

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

Dry Contacts IP68

Sensor of water presence

ALERT

· 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**

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 ARF8170BCA-B03	

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)

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)