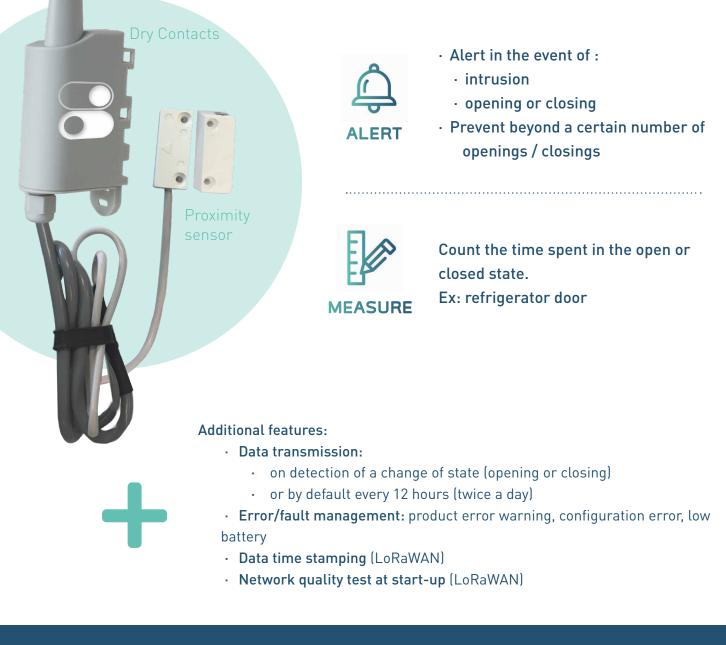
## Contact sensor



## Monitor openings / closures





Know the time spent in an open state for a refrigerator.

Detect the opening of a smoke extraction hatch.



Detect an intrusion (technical room, server room, hatches, windows...).

## TECHNICAL SPECIFICATIONS





## LoRaWAN ARF8170BA-B01 | Sigfox ARF8171BA-B01

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: 6 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)

PROXIMITY SENSOR	
Detection	Magnetic detection
Cable Length	≈ 1.2 meter
Dimension	14 x 38 x 8.7 mm
Casing	IP67
Max distance between the 2 magnets for detection	15 mm
Operating temperature	-10°C to +85°C

