

# RF-1110-07-1

Micro DWS LoNa, white



## OVERVIEW

This micro DWS is a low profile magnetic contact that provides intrusion detection for all applications and is an extension of our LoNa product portfolio.

This sensor can easily be installed on doors, windows, cabinets or other items that can be opened and closed. It's tamper detects unauthorised access to the inside of the sensor and also checks whether the sensor has been removed from its mounting surface.

The sensor can be mounted using the double-side tape provided or screws as required for EN/Incert certified installations. The device also contains a replaceable lithium battery allowing it to run 5 to 8 years depending on the use case.

## FEATURES

- Using LoNa technology
- Compact design
- 5 to 8 years battery life (based on usage)

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## TECHNICAL SPECIFICATIONS

General	
Application type	Surface mount
Wired / Wireless	
Wired-wireless	Wireless
Wireless frequency	433 MHz LoNa
Open-air range	150 m
Operating gap	15.5 mm maximum
Electrical	
Batteries	3 V lithium CR2032
Battery lifetime	5 to 8 years
Battery life	5 years (depending on usage)
Quiescent current	1.4 µA
Maximum current	15 mA
Low voltage fault	2.2 V
Physical	
Dimensions magnet	31 x 13 x 8 mm
Dimensions contact /sensor	80 x 25 x 15 mm
Colour	White
Material	ABS
Colour	White and brown covers included
Environmental	
Operating temperature	0 to 49°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor
Wired / Wireless	
Compatibility	LoNa receivers
Wireless operating frequency	433.65 MHz
Power output	-2 dBm EIRP
Make - Break distances non-ferromagnetic surface	
Approach distance X (switch closed)	15 mm
Removal distance X (switch open)	17 mm
Approach distance Y (switch closed)	23 mm
Removal distance Y (switch open)	27 mm
Approach distance Z+/Z- (switch closed)	35/32 mm
Removal distance Z+/Z- (switch open)	38/36 mm
Regulatory	
Compliance	CE, RCM