

MTronic Contact Sensor

## INPUT POWER

Battery Power (2 x AAA Batteries)

## CONNECTIVITY SPECIFICATIONS

Interface	Short-Range Mesh Technology 5.0, IEEE 802.15.1
Control Method	Wireless
Dependency	MTronic MHub
Compatibility	Amazon Alexa Assistant

## TEMPERATURE AND HUMIDITY SPECIFICATIONS

Working Temperature	-25°C ~ +50°C
Humidity	85%

## PHYSICAL SPECIFICATIONS

Item Type	Sensor
Mounting Type	Adhesive-Mount
Available Color	White
Material	Plastic
Dimensions (Sensor)	29 x 69 x 19 mm
Dimensions (Magnetic Part)	15 x 40 x 16 mm

## RADIO SPECIFICATIONS

### Radio Specifications

Wireless Communication	Short-Range Mesh Technology
Short-Range Technology Module Frequency	2.360-2.500 GHz

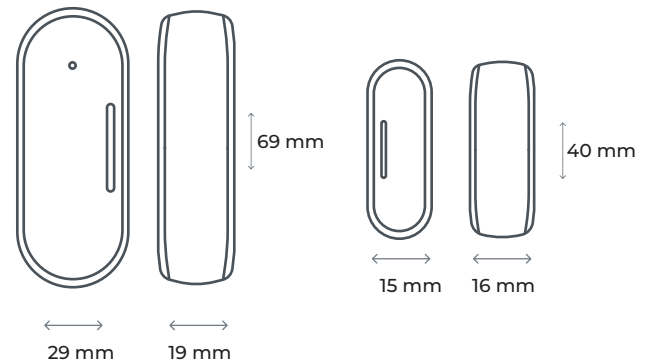
## DESCRIPTION

MTronic Contact Sensor detects physical contact made with surfaces such as doors, windows, or drawers, in case when the surface is opened or closed. It comprises of two components, the sensor and the magnetic part.

## WORKS WITH

- MTronic Web Portal
- MTronic Android Application
- MTronic iOS Application

## TECHNICAL DRAWING IN MM



## DETECTION SPECIFICATIONS

Can spot the minimum openings of 10 mm – 15 mm wide.

### Antenna Properties/Antenna Gains

Transmitter Power	0dBm
Antenna Gain	-0.1 dBi



## IN THE BOX

- |    |                            |    |                       |
|----|----------------------------|----|-----------------------|
| 1. | MTronic Contact Sensor x 1 | 2. | Quick Start Guide x 1 |
| 3. | Mounting Tape x 1          | 4. | Warranty Card x 1     |

## SAFETY INSTRUCTIONS

**⚠ Danger!**  
Note about hazard

**⚠ Warning!**  
Note about potential hazard

### Do's

1. Make sure to add the batteries to the device as per correct terminal markings.
2. Ensure the batteries in the device are properly inserted.
3. Clean the surfaces properly where you want to stick the sensor and magnetic part.
4. Make sure both the parts are aligned parallel to each other.
5. Use the device only under 2000m altitudes.
6. Operate the device only within indoor environments to keep it sheltered from all weather conditions.

### Don'ts

1. **The device must not be used in an explosive atmosphere.**
2. Do not open the device by yourself nor use it if any of its parts is broken.
3. Do not allow children to play with the device or its packaging as its plastic film and small components may pose a choking hazard to them.
4. Do not dispose-off the device with other household garbage. It should be recycled according to the National regulations.
5. Do not use a wet towel or such to clean the device.
6. Do not place the device in wet or damp areas.
7. Do not lose the stickiness of mounting tape by excessive touching.

## FAULT CORRECTION AND MAINTENANCE

### Warning

Opening the device by yourself nullifies the warranty. Generally, the device is maintenance-free and would not require to be opened.