

Magnetic Sensor

Protect uses a magnetic sensor to detect opening & closing of doors, windows or drawers. Designed to remotely monitor your assets or access to places, it can be easily set up and last for years without replacing batteries.



**Low cost
& high
performance**



**Small &
compact**



**Low power
consumption**



Plug & play
Set up within
minutes



**Reliable
detection**



Certifications

Sigfox P2 – Class 0u
CE, FCC

Operation Modes

Event based: Capture reed switch on/off change
Time based: Count reed switch change over a period of time

Operating Temperature

-20 °C to 70 °C

Connectivity

Sigfox RC1, RC2, RC3 & RC4 Module

For more information on Sigfox Radio Configurations:
www.build.sigfox.com/sigfox-radio-configurations-rc

Weight & Dimensions

33g / 89 (L) x 32 (W) x 22 (H) mm

Enclosure

ABS Plastic

Batteries

1.5V AAA battery x2 (Alkaline)
Easily replaceable
Up to 10k messages

Magnetic signal detection

Reed switch open or close signal
Operating distance with magnet: 10 mm

UnaSensors Special Features

Data Aggregation

Receive consolidated reports in well formatted data packets without overloading the network. Reduce power consumption with less uplinks.

Heartbeat

In critical applications, to ensure that the device is "alive" and not "dead", a "heartbeat status" is sent periodically to alert the user on information such as battery life, changes in configuration etc.

Applications



Security System

Home and office security
Warehouse intrusion



Energy Management

Detect windows left opened



Remote asset monitoring

Cold storage facility: door left opened