

RF620I4-N

Shock Sensor



OVERVIEW

The RF620I4-N Shock Sensor has the following main functions:

- To detect the vibrations made by an intruder trying to break a window or door.
- To detect a window or door opening
- To detect tamper situations, such as an intruder removing the sensor cover

OPERATIONS

Vibrations cause a momentary open circuit in the shock element of the sensor. The circuit closes again when the vibration stops. The sensor microcontroller “sees” the open/close action as a pulse, causing the sensor to transmit an alarm signal. The sensor has two different detection modes:

- Gross Attack - detect a violent blow sufficient in length to trip sensor.
- Pulse Count - detect a sufficient number of less violent blows (rapping or tapping).

The sensor includes an internal magnetic reed switch that must be disabled if it is not used. A cover tamper provides additional security if an intruder tries to disable or damage the sensor.

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TECHNICAL SPECIFICATIONS

General	
Product type	Magnetic contact, Shock with analyser
Wired / Wireless	
Wired-wireless	Wireless
Wireless frequency	433 MHz legacy
Open-air range	150 m
Electrical	
Batteries	1 x 3 V lithium
Battery lifetime	5 years
Physical	
Physical dimensions	35 x 152 x 32 mm
Colour	White
Regulatory	
Compliance	CE, RCM



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RF620I4-N-DS