



GS613

Shock sensor with magnetic contact

Shock sensors

The GS610/612 shock sensors offer a versatile solution for detection of forced entry through windows, doors, walls and roofs. They can be mounted throughout a 360 degrees axis, vertically and horizontally, by ensuring that the brand logo is readable from left to right.

Both models have optional magnetic contacts for double protection on opening doors and window, GS611/613.

Superior Detection

Its unique design enables the shock sensor to discriminate between a real break-in attempt and everyday background noise by measuring the shock frequency caused by the displacement in the protected structure.

The sensor is designed to activate (contact will open) when an acceleration greater than 1G is detected. This could be caused, for example by a strong blow, a high speed drill or sawing because the frequencies of these shocks fall within the sensors range of detection.

Adjustable Sensitivity

The shock sensors can be connected directly to control panels that have zones with incorporated analysing facilities or can be used in conjunction with dedicated analyser boards (GS614 and GS615). In both cases, the analysing capability has two separate detection criteria: gross attack and pulse count. The gross attack threshold is designed to react to a single blow. While pulse count triggers an alarm when a pre-selected number of smaller shocks, occurring within a 30 second timing interval is reached.



Standard Features

- Reliable 24 hour loop perimeter protection
- Superior technology provides excellent detection and false alarm immunity
- Suitable for all types of solid structures
- Versatile mounting through 360° axis
- 24 carat gold plated internal mechanics for optimum performance & long life
- Available analysers; GS614 & GS615

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Specifications

Detection range	Up to 6 m
LED indication	No
Colour	White
Dimensions (W x H x D)	72 x 30 x 28 mm
Operating temperature	-40 to +50°C
Reed switch	Yes
Operating gap	16 mm

Ordering Information

Part No.	Description
GS613	Shock sensor with magnetic contact
GS613B	Shock sensor with magnetic contact, brown
GS612	Shock sensor
GS612B	Shock sensor, brown
GS612A	Shock Sensor, NFa2P
GS614	Shock sensor analyser
GS615	Shock sensor analyser with EOL resistors and manual reset option

