


BOSCH

Invented for life

GBS 2036 LSN Passive Glass Break Detector



- ▶ Glass break detector in LSN technology
- ▶ For monitoring level glass surfaces within a max. radius of 2 m
- ▶ For connecting to an LSN intrusion control panel
- ▶ VdS class B

The passive glass break detector in LSN technology monitors level glass surfaces within a max. radius of 2 m.

Functions

Passive glass break detectors are stuck directly onto glass plates in windows and doors.

The mechanical vibrations that occur when the glass is damaged are measured and analyzed.

Scratches on the glass plate made by a glass cutter are not recognized as glass break.

The analysis is carried out via the LSN intrusion control panel.

Certifications and Approvals

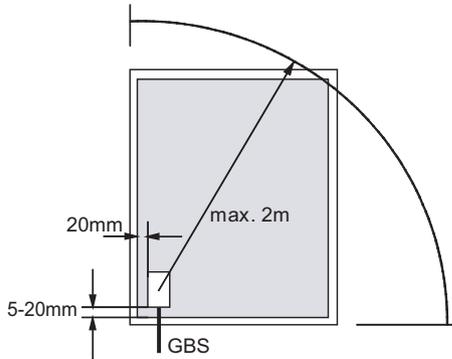
Region	Certification	
Germany	VdS	beantragt ISP-GBD2-P110
Europe	CE	CE ISP-GBD2-P110

Installation/Configuration Notes

Installation considerations

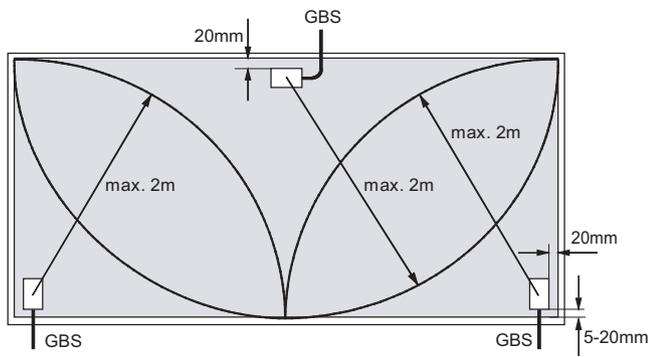
- Functional tests can be conducted using a detector testing device. Alarm triggering is displayed at the control panel and also directly indicated on the detector.
- The glass break detector is stuck to level glass plates in rooms.
- The detector should preferably be installed horizontally, at a minimum distance of 5 mm from the window frame, and at least 20 mm from the long side.
- The side of the glass to which the detector is attached may not have other material attached to it (e.g. anti-splinter foil, transparencies etc.) and may not be painted.
- Plates of glass in premises in which air containing chlorine or other aggressive substances are present (e.g. swimming pools) are unsuitable for installation.
- The detector cannot be used for the following types of plates: Pyrostop glass (fire-retardant), structured glass, plates made of plastic material, glass bricks, laminated glass, armored glass

Installation of a glass break detector on a plate



Installation distance from frames: 20 mm

Installation of multiple glass break detectors on one plate



Installation distance from frames: 20 mm

Dimensions (H x W x D)	37 x 19 x 12 mm
Connection cable	LiY(St)Y 4 x 0.14 mm ² with shield, exterior Ø 3.2 mm, 4 m long

Ordering Information

GBS 2036 LSN Passive Glass Break Detector **ISP-GBD2-P110**
 For monitoring level glass surfaces within a max. radius of 2 m

Parts Included

Type	Quant.	Component
GBS 2036 LSN	1	Passive glass break detector

Technical Specifications

LSN operating voltage	15 V to 33 V
Current consumption	0.56 mA
Protection category	IP 67
VdS environmental class	III
Permissible ambient temperature	-25 °C to +70 °C (-13 °F to +158 °F)

Housing

- Material: S-B
- Color: White

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