



Acoustic Glass Break Detector AGB600



- Operating radius up to 8.5 m
- Signal analysis based on a neuronal network
- Detector can be tested by using the glass break simulator GT2
- Acoustic function check of the whole covered area
- Optimised for single or multiple gazed objects fitted with simple window glass

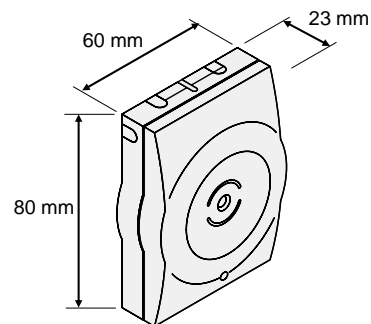
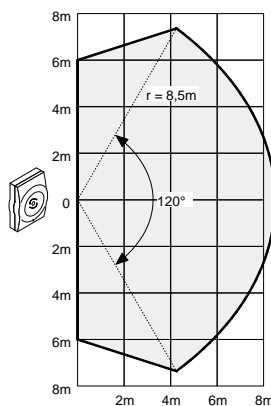
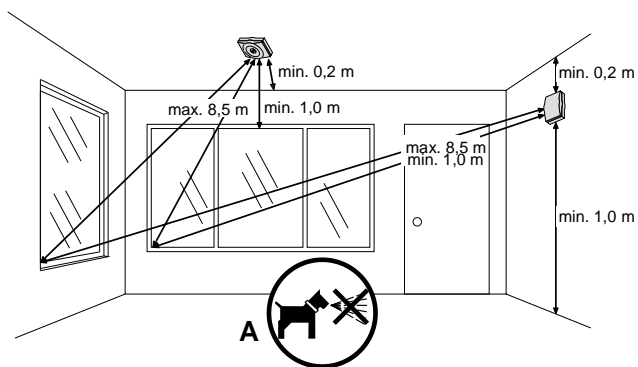
Description

Versatility of application is ensured by the safe and reliable detection of glass breakage occurring on objects both small and large as well as on single or multiple glazed objects fitted with simple window glass.

To do its unique signal analysis based on a neuronal network, the AGB600 is immune to false alarms by maximum detection reliability. That fact makes it ideally suited for use in a wide range of applications, including commercial and residential premises, public buildings and similar locations requiring stringent security.

Outstanding false alarms immunity and fast and simple installation

- A comprehensive protection concept makes the detector insensitive to environmental disturbances such as traffic, ringing, whistling, sources of ultrasound and electromagnetic interference.
- Thanks to its small and unobtrusive housing, the detector can be mounted onto walls and ceiling. The AGB600 is equipped with two settings for an accurate adjustment to the application and environment.
- With the help of the acoustic glass break simulator GT2, the whole operating radius (up to 8.5 m) is completely controllably.



■ Technical Specifications

Supply voltage	8.0 ... 16.0 VDC (12 V nom.)
- Voltage monitoring	Alarm at < 3.5 V ± 0.5 V
Current consumption (at 8 ... 16 VDC)	
- Quiescent	3.2 mA
- Maximum (with LED)	8 mA
Alarm Output	
- Semiconductor relay (opens on alarm)	30 VDC / 100 mA / Ri < 40 Ω ohmic load
- Alarm holding time	2.5 s
Tamper contact	30 VDC / 100 mA (ohmic load)
RESET input	LOW ≤ 1.5 V / HIGH ≥ 3.5 V
Coverage area	
- Range	Max. 8.5 m
- Sensitivity setting	8 m = up to 8.5 m radius, 4 m = up to 4 m radius
- Size of the monitoring surface	Min. 0.3 m x 0.3 m, Max. 6 m x 6 m
- Volume of the monitored room	Min. 22 m ³ , Max. 245 m ³
- Approved glass type	Float glass (standard window glass) Min. 3 mm, Max. 6 mm
Ambient conditions	
- Operation temperature	-10 ... +55° C
- Storage temperature	-20 ... +60° C
- Humidity (DIN40040)	< 95 % RH, non-condensing
- Housing protection EN60529, EN50102	IP31 / IK02
Approvals	VdS Class B, no. G 103505

Options

Acoustic glass break tester

After a location has been selected, the GT2 test unit can be used to check the AGB600 detector for correct acoustic coupling to the glass surfaces to be protected, prior to permanent installation.



■ Technical Specifications

Weight	250g (incl. 9V battery)
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■ Ordering Information

Type	Art.-No.	Description	Weight
ABG600	A5Q00001591	Glass break detector	60g
GT2	BPZ:5074190001	Audio glass break tester	250g *)

*) including 9V battery

The information in this document includes general descriptions of the technical possibilities, which need not be installed in each individual case. The desired performance characteristics must therefore be specified for the individual case when the contract is concluded.

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