



## AD 800

Acoustic Glass Break Detector

**E-NR: 6309847**

AD 800 is a new generation of acoustic glass break detector meets the requirements for **grade 2** of the new standard **EN 50131-2-7-2:2013**, corresponding to the recommendations for high security installations.

The detector is designed to acoustically detect intrusion attempts into a protected area by breakage of a window or glass pane. The detector is based on the latest microprocessor technology and has a number of advanced algorithms connected to the acoustics of the room (Digital Room Compensation, DRC). Thanks to these algorithms, the detector can distinguish a glass breakage signal from other interferences and boasts high immunity to false alarms.

Intended for indoor installation, the device can be mounted either on a ceiling or wall, opposite to the protected glass. The detection range spans 165°, which means that one detector can monitor multiple windows in a room. The detector is able to detect standard, tempered and laminated glass.

**NOTE: Avoid mounting the detector in the corner of a room, close to louver windows and ventilation grills.**

### TECHNICAL DETAILS

<b>Maximum coverage</b>	9-m radio/ 165°
<b>Approvals</b>	class B, EN 50131-2-7-1:2013 Grade 2, F&P, FG, SBSC 16-675 Klass 1/2, INCERT, VdS G117503
<b>Maximum glass surface</b>	6 x 6 m
<b>Supply voltage</b>	7 - 30 VDC
<b>Current consumption</b>	12 mA @ 12 V, 7.3 mA @ 24 V
<b>Alarm output</b>	50 V DC/peak AC, NC 50 mA, Relay, Rs ≤30 Ω
<b>Contact rating</b>	50 mA, 50 V DC/peak AC, Rs ≤30 Ω



<b>Alarm indication</b>	LED
<b>Tamper protection / Rating</b>	Yes / 48 VDC / 50 mA
<b>Housing material, Colour</b>	ABS Plastic, white
<b>Operating temperature</b>	+5°C - +40°C
<b>Housing protection class</b>	IP 31
<b>Dimensions (L x W x H) mm</b>	68 x 109 x 40
<b>Recommended glass surface</b>	laminowane P2, P4 (4 mm + 4 mm), Standardowe (Float 4 mm)
<b>Grade</b>	2

## ORDER INFORMATION

Model	E-NR	Description
AD 800	6309847	Acoustic glass break detector
AD 800-BL	6310741	Acoustic glass break detector, Black

## SCHEMATICS

