

AD 800

Acoustic Glass Break Detector



Technical data

Maximum coverage	9-m radio/ 165°
Approvals	EN 50131-2-7-1:2013 Grade 2, VdS G117503, class B, SBSC 16-675 Klass 1/2, INCERT, F&P Danmark, FG
Recommended glass surface	Standardowe (Float 4 mm), laminowane P2, P4 (4 mm + 4 mm)
Maximum glass surface	6 x 6 m
Supply voltage	7 - 30 VDC
Current consumption	12 mA @ 12 V, 7.3 mA @ 24 V
Alarm output	Relay, NC 50 mA, 50 V DC/peak AC, $R_s \leq 30 \Omega$
Contact rating	50 mA, 50 V DC/peak AC, $R_s \leq 30 \Omega$
Alarm indication	LED
Tamper protection / Rating	Yes / 48 VDC / 50 mA
Connection	Screw terminals
Operating temperature range	+5°C - +40°C
Housing material, Colour	ABS Plastic, white
Housing protection class	IP 31
Dimensions (L x W x H) mm	68 x 109 x 40
Grade	2

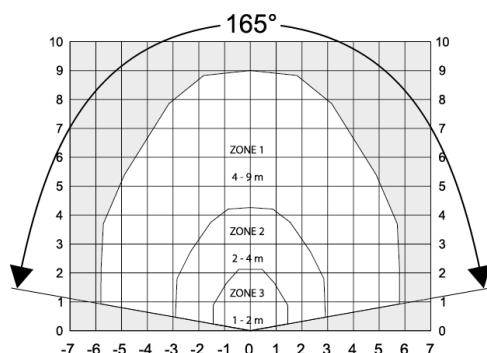


AD 800 is a new generation of acoustic glass break detector meets the requirements for **grade 2** of the new standard **EN 50131-2-7-2:2013**, corresponding to the recommendations for high security installations.

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.



Related products and accessories**ADT 700**

Acoustic Tester for AD series (700/800-AM)