

AD 800-AM

Acoustic Glass Break Detector with Anti-Mask



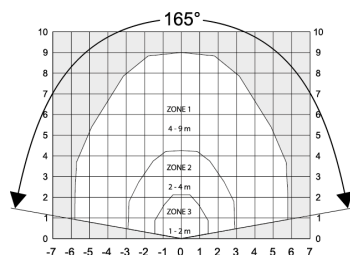
Technical data

Maximum coverage	9 m radius / 165°
Approvals	EN-ST-000238 Grade 3, VdS G117504, class B, SBSC 16-676 Class 3/4, F&P Danmark, FG, NBÚ CZ Typ 3, NBÚ SK Typ 3
Recommended glass surface	Float glass 4 mm, laminated 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, Rs ≤ 30 Ω
Contact rating	50 mA, 50 V DC/peak AC, Rs ≤ 30 Ω
Alarm indication	LED
Tamper protection / Rating	Yes / 50 VDC / 50 mA
INTRUSION and FAULT relay contact rating	Relay, NC 50 mA, 50 V DC/peak AC
Connection	Screw terminals
Operating temperature range	+5 to +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	3



AD 800-AM is a new generation of acoustic glass break detector with Anti-Mask function which meets the requirements for **grade 3** of the new standard **EN 50131-2-7-2:2013**. 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. AD 800-AM has a newly developed active Anti-Mask function (overlay protection) with separate relay output for enhanced security. If attempts are made to tamper with the microphone or sensor, an Anti-Mask alarm is triggered. 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.



ORDERING INFORMATION

Model	Description
AD 800-AM	Acoustic glass break detector with Anti-Mask

Related products and accessories**ADT 700**

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