

AD 800-AM

Acoustic Glass Break Detector with Anti-Mask



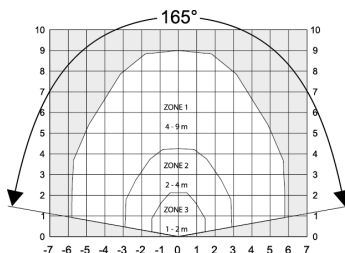
Technical data

| | |
|--|---|
| Maximum coverage | 9 m radius / 165° |
| Approvals | EN 50131-2-7-1:2013 Grade 3, VdS G117504, class B, SBSC 16-676 Class 3/4, F&P, 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, $R_s \leq 30 \Omega$ |
| Contact rating | 50 mA, 50 V DC/peak AC, $R_s \leq 30 \Omega$ |
| Alarm indication | LED |
| Tamper protection / Rating | Yes / 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 40 x 109 |
| 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 (700/800-AM)