



Fibra product line

## DoorProtect G3 Fibra

Wired opening detector with shock and tilt sensors.



3  
GRADE  
EN 50131

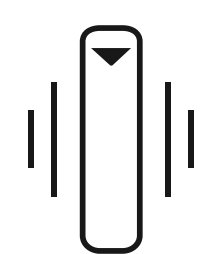
PD 6662  
2017

This is the device of the Fibra product line. This product line is developed for projects. Only accredited Ajax Systems partners can sell, install, and administer Fibra products.



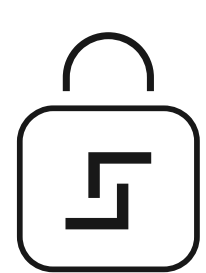
### Multiple opportunities in one device

- 2 reed switches to detect the opening
- Accelerometer to detect impacts, vibrations, and changes in the tilt angle



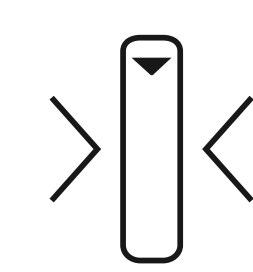
### Additional features

- Additional NC input for connecting a third-party detector
- Chime function: Ajax sirens make a special sound when the door is opening



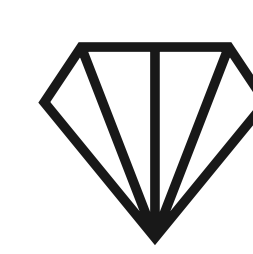
### Sabotage resistance

- Two tampers
- Magnet spoofing detection
- Device authentication to prevent spoofing
- Holding screw to secure the device



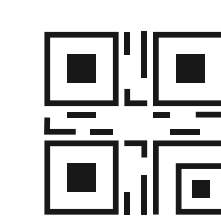
### Reliable detection

- Plastic reed switches: more durable than the glass ones
- Shock and tilt sensors are configured in the app



### Fibra communication technology

- Up to 2,000 m of wired communication
- Data is encrypted throughout the transmission process
- Regular polling to display current device statuses
- Energy consumption of up to 35 mW



### Quick installation and setup

- Plastic spacers for mounting the magnet and detector at one level or on metal surfaces
- Pairing with a hub via automatic line scanning or QR code
- Remote control and configuration in the app
- Effortless installation and replacement

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

<p><b>Compliance</b></p> <p>EN 50131 (Grade 3) PD 6662:2017</p>	<p><b>Compatibility</b></p> <p>Hubs Hub Hybrid (2G), Hub Hybrid (4G)</p>	<p><b>Communication with control panel</b></p> <p>Fibra communication technology</p> <p><b>Wired connection</b> U/UTP cat.5 4×2×0.51 with a copper conductor</p> <p>Signal cable 4×0.22 with a copper conductor</p> <p><b>Communication range</b> up to 2,000 m With U/UTP cat.5 4×2×0.51 cable</p> <p><b>Protocol features</b> Two-way communication Protection against sabotage Instant notifications Remote configuring in Ajax apps</p> <p><b>Polling interval</b> 12–300 s Adjusted by PRO or user with admin rights in Ajax apps</p>	<p><b>Opening detection</b></p> <p><b>Sensitive elements</b> 2 reed switches 1 accelerometer 1 magnetometer</p> <p><b>Shock sensor sensitivity</b> 3 levels Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>Tilt sensor activation threshold</b> from 5° to 25° Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>Magnetometer sensitivity</b> 3 levels Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>Magnet spoofing detection</b></p> <p><b>Third-party detector connection</b> wired detector with the normally closed (NC) contact type</p>
<p><b>Power supply</b></p> <p>Main power supply 24 V<sup>DC</sup>, up to 35 mW From the Fibra line</p>	<p><b>Installation</b></p> <p>Operating temperature range from –10°C to +40°C</p> <p>Operating humidity up to 75%</p>	<p><b>Enclosure</b></p> <p><b>Colour</b> white, black</p> <p><b>Dimensions</b> 19.2 × 21 × 102 mm</p> <p><b>Weight</b> 62 g</p>	<p><b>Complete set</b></p> <p>DoorProtect G3 Fibra Magnet 2 spacers Installation kit 2-wire connector for third-party NC detector Quick start guide</p>



For detailed information, scan the QR code or follow the link:  
[support.ajax.systems/manuals/doorprotect-g3-fibra](https://support.ajax.systems/manuals/doorprotect-g3-fibra)

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