

# GlassProtect Fibra

Wired indoor glass break detector.



2  
GRADE  
EN 50131

PD 6662  
2017

INCERT



The device is compatible only with hubs supporting Fibra protocol. Find the detailed information via QR code or by the link:

<https://ajax.systems/support/devices/glassprotect-fibra/>

GlassProtect Fibra is the device of the new Fibra wired product line. Such devices can only be purchased, installed and administered by accredited Ajax Systems partners.

Up to 9 m glass break detection distance with 180° horizontal detection angle

Two-factor glass break verification algorithm: by low and high frequencies

Filter for false alarms caused by dogs barking or the sound of passing trucks

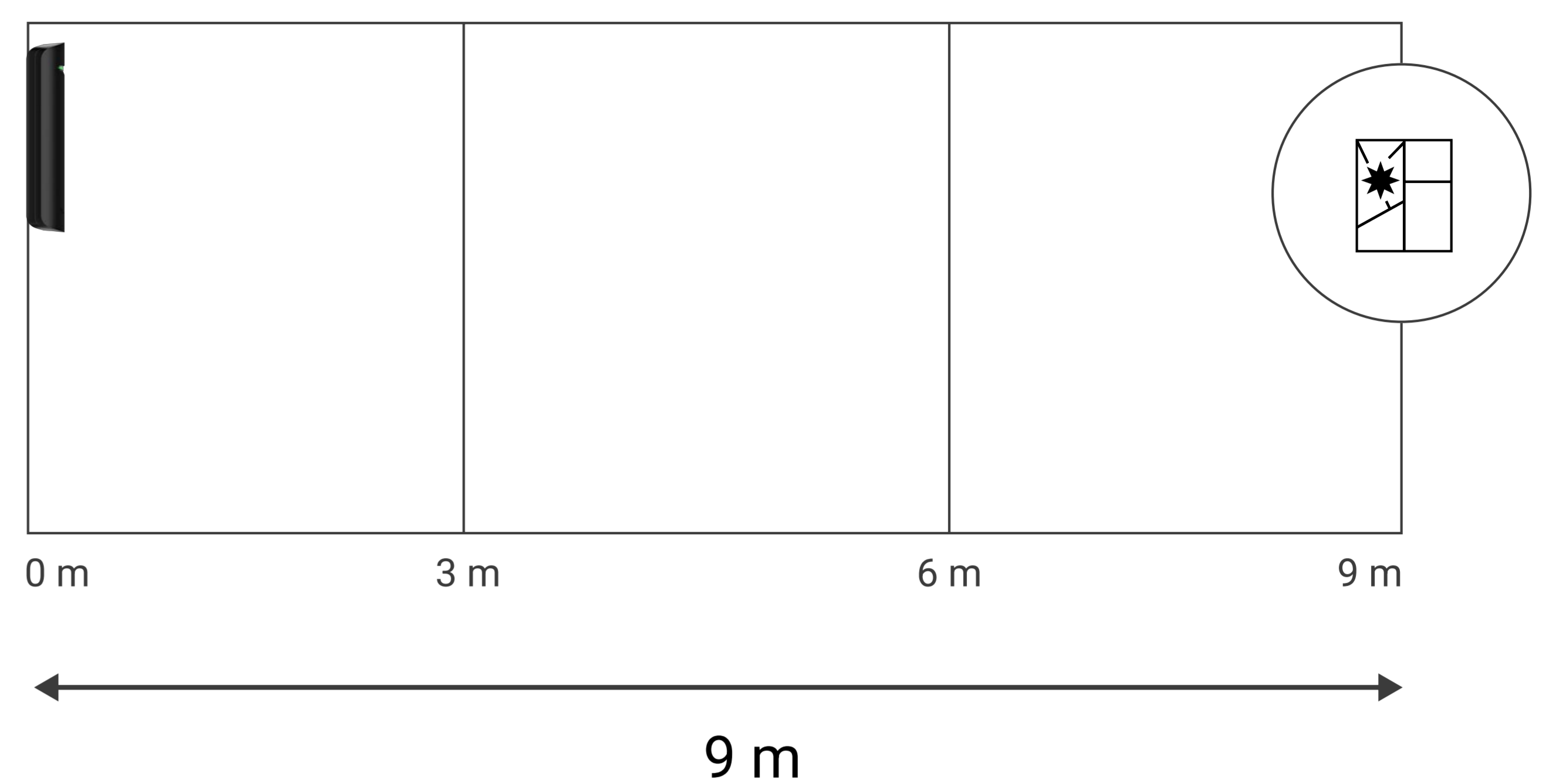
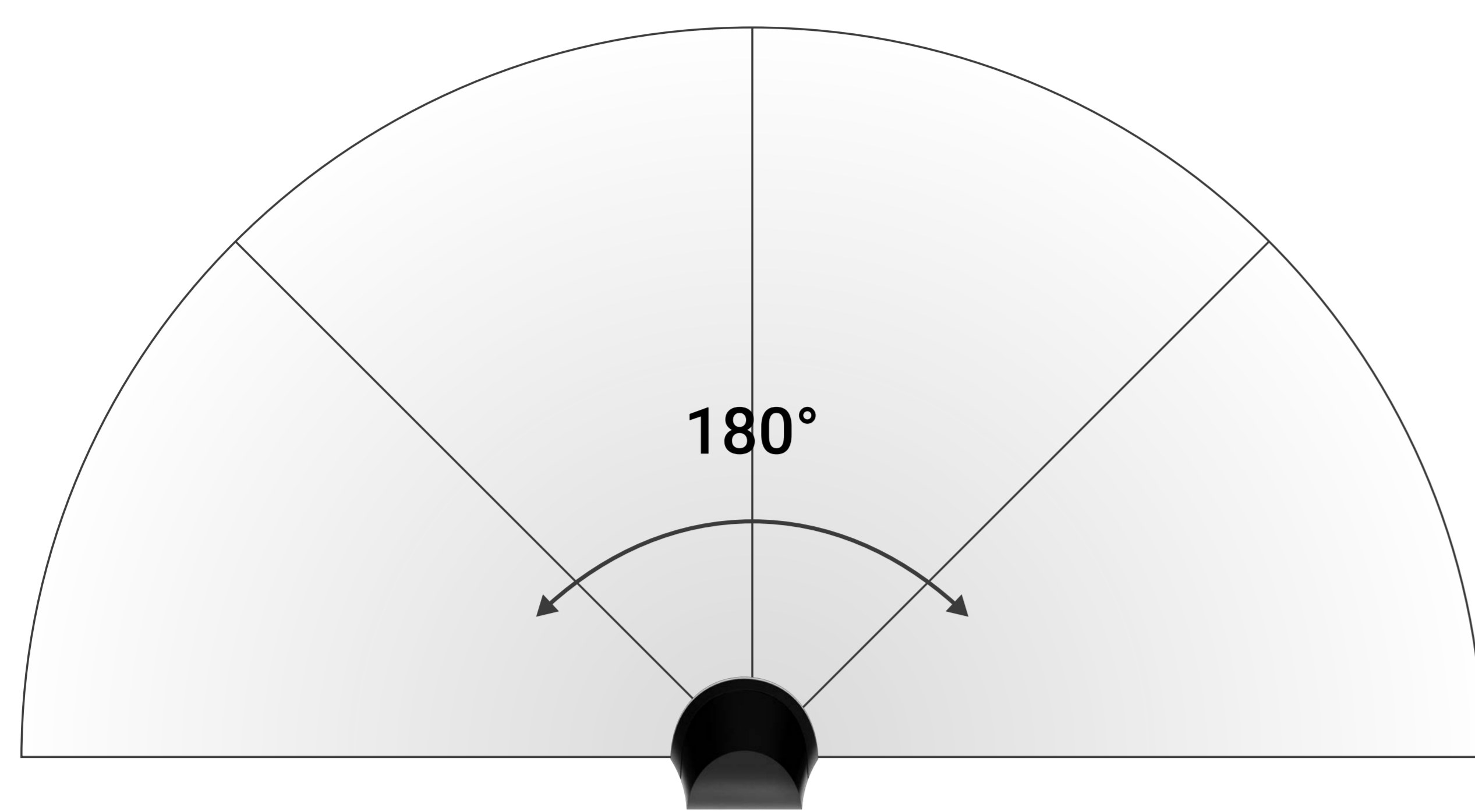
Additional input for connecting a third-party detector with the NC contact type



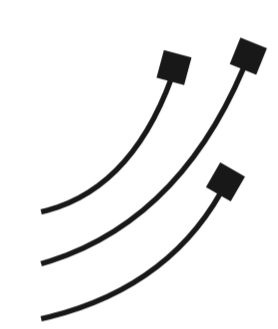
**Fibra** is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Fibra features **encryption** and **authentication** to prevent forgery, as well as **polling** to display device status in real time. Supporting **up to 2,000 m** of wired connectivity, Fibra is ready to protect any facilities, and deliver **the best user experience** for both end users and installers.

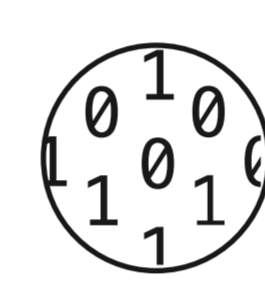
# Glass break sensor viewing angle



## System features



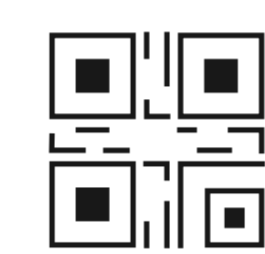
Connecting to the hub via bus method



Up to 2,000 m of two-way encrypted communication

12-300  
sec

Adjustable polling interval



Adding to the security system via QR code or bus scanning

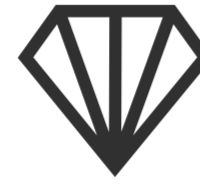


Remote configuring via the smartphone or desktop app



Tampering alarm notifications

## Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017 INCERT	Compatibility	<b>Hubs</b> Hub Hybrid (2G) Hub Hybrid (4G)  <b>Range extenders</b> no
Communication with control panel	 <b>Fibra communication technology</b>	Detection	<b>Sensitive elements</b> Electret microphone

<p>Communication with control panel</p> <p><b>Communication range</b> up to 2,000 m With U/UTP cat.5, 4×2×0.51 cable</p> <p><b>Polling interval</b> 12–300 s Adjusted by PRO or user with admin rights in the Ajax app</p>	<p>Detection</p> <p><b>Glass break detection distance</b> up to 9 m</p> <p><b>Horizontal glass break detection angle</b> 180°</p> <p><b>Sensitivity</b> 3 levels Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>False alarm protection</b> DualTone two-factor glass break verification algorithm</p> <p><b>Additional detector connection</b> Wired detector with the NC contact type</p>
<p>Power supply</p> <p>24 V<sub>DC</sub>, up to 45 μA</p>	<p>Installation</p> <p><b>Operating temperature range</b> from –10°C to +40°C</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Protection class</b> IP50</p>
<p>Enclosure</p> <p><b>Colour</b> white, black</p> <p><b>Dimensions</b> 90.5 × 21 × 18.5 mm</p> <p><b>Weight</b> 20 g</p> <p><b>Tampering alarm</b></p>	<p>Complete set</p> <p>GlassProtect Fibra Installation kit Quick Start Guide</p>