

Tech specs

SUPERIOR

Superior SeismoProtect G3 Fibra

Wired seismic detector with an additional shock sensor



Device compatibility

Check

Communication

Fibra communication technology

Proprietary wired communication technology to transmit commands, alarms, and events.

Key features:

- Two-way communication.
- Advanced anti-sabotage.
- Instant notifications.
- Remote control and configuration in Ajax apps.

Learn more 

Line connection

4-core cable

Connection

to any point of the Fibra line

The device can be installed behind the hub, detector, keypad, or siren.

Fibra line length

up to 2,000 m

When using the U/UTP cat.5 twisted pair cable.

Calculate the line length at the facility 

Encrypted communication

All stored and transmitted data are protected by block encryption featuring a dynamic key.

Detection

Sensitive elements

piezoelectric sensor

accelerometer

digital temperature sensor

Threats that can be detected

explosions

vibrations from drilling or cutting

blast waves

physical force such as bending, pressing, or pushing

Operating radius

Concrete — 4 m

Steel — 2 m

The operating radius may vary significantly depending on the structure integrity.

Tilt sensor activation threshold

from 5° to 25°

Adjusted by a PRO or user with admin rights in Ajax apps.

Key features

Sensitivity

3 levels

Adjusted by a PRO or user with admin rights in Ajax apps.

Option to ignore single shock

Adjusted by a PRO or user with admin rights in Ajax apps.

Self-test of sensitive elements

The device checks its sensors' state with a self-test device and notifies if any malfunction is detected. Self-testing can be automatic or manual.

Recommendations

The device is designed for indoor use only. Only professionals should install the device. The list of authorized Ajax partners is available [here](#).

Sabotage protection

Tamper alarm

2 tampers

Notifications on attempts to detach the detector from the surface or open the front lid.

Learn more 

Alarm in case of high temperature

at temperatures above +70 °C

To detect the impact of the thermal tool on the device.

Alarm in case of rapid temperature rise

when the temperature rises more than 5 °C in 5 seconds or less

To detect the impact of the thermal tool on the device.

Enclosure drilling detection

to detect the enclosure damage

Communication loss detection

after 36 s

Detection time depends on the Jeweller/Fibra settings.

Power supply

Operating voltage range

5–30 V_{DC}

The hub powers the detector via the Fibra line.

Nominal operating voltage

24 V_{DC}

Quiescent current consumption at nominal voltage

0.3 mA

Maximum current consumption at nominal voltage

12 mA

Enclosure

Detector dimensions

88 × 88 × 20 mm

The mounting plate adds 5 mm to the height above the protected surface.

Detector weight

170 g

Mounting plate weight

224 g



Armored cable weight

130 g

Armored cable length

1.5 m



20 mm

Operating temperature range

from -25 °C to +70 °C

Operating humidity

up to 95%

Protection class

IP43

IK04

Colors

Black



White



Complete set

Superior SeismoProtect G3 Fibra

Mounting plate

Self-test device

Armored 4-core signal cable

Installation kit

Quick start guide

Certification and compliance with standards



Superior SeismoProtect G3 Fibra



Additional information

Compliance with standards

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User manual

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Warranty

24 months

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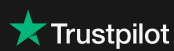
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