

Superior SeismoProtect G3 Fibra

Wired seismic detector with an additional shock sensor

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. 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 up to 6,550 ft When using the U/UTP cat.5 twisted pair cable. 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 Concrete — 13.1 ft Steel — 2 m Steel — 6.5 ft 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 tamper Notifications on attempts to detach the detector from the surface or open the front lid. Alarm in case of high temperature at temperatures above +70 °C at temperatures above 158 °F 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 when the temperature rises more than 9 °F 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= The hub powers the detector via the Fibra line. Nominal operating voltage 24 V= 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.

	3.46" × 3.46" × 0.79" The mounting plate adds 0.2" to the height above the protected surface. Detector weight 170 g 6 oz Mounting plate weight 224 g 7.9 oz Armored cable weight 130 g 4.59 oz Armored cable length 1.5 m 4.9 ft Operating temperature range from -25 °C to +70 °C from -13 °F to 158 °F 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
Warranty	Warranty 24 months