VV601-PLUS

Seismic Detector for Safe and Vault With Ellox Material

Superior Detection

The VV 600 Plus series seismic detectors are designed to detect attempts to break into vaults, safes, night deposit boxes, automatic teller machines (ATM's) and other reinforced physical areas such as data storage's and filing cabinets. These seismic detectors react to the characteristic vibration patterns of all breaking-and-entering tools, such as hammers, drills, diamond saws, hydraulic pressure tools and thermal tools like welding torch and thermal lance. They sense vibrations that occur within a 3 to 14 meter radius of where they are mounted, depending on the material and design of the protected object.

Excellent false alarm immunity

At the same time the seismic detectors allow for normal human activity around the protected area without the risk of creating unwanted alarms. To achieve this high level of accuracy, each detector features "three detectors in one". All three channels (counting, integration, and explosion) analyse the signal frequencies, duration and amplitude, in order to differentiate between random environmental disturbances and real intruder attack. The end result is detectors with excellent detection and false alarm immunity.

Testing & accessories

The VV 600 Plus series provides two different test functions: automatic or manual activated. You can choose between internal test of the detector electronics or, by using the test transmitter VT705P, do a functional test of the detector and its physical contact to the protected object. A complete range of accessories is provided for all kinds of applications to achieve the highest security.



Details

- Special sensitivity setting for ELLOX material
- Detects all known methods of attacks
- Advanced signal processing differentiates between ambient noise and real attacks
- Extremely low current draw
- Two options of testing
- Adjustable sensitivity
- Full-scale tamper protection
- Complete line of accessories
- Easy to install

VV601-PLUS

Seismic Detector for Safe and Vault With Ellox Material

Technical specifications

General

Application type	Safe, Tresor
Tamper protection	Temperatur 84° C, verdrillt geschirmt, Öffnungskontakt, Abhebekontakt
Alarm indication	LED-Anzeige Schraube Nr. 3
Low voltage alarm	7.5 V

Detection

Range	3 bis 14 m Radius
Sensitivity adjustment	5 Schritte von ca. jeweils 6 dB

Inputs/outputs

Alarm contact	Form A Halbleiterrelais, maximaler Serienwiderstand 35 Ohm
Test output	Yes

Electrical

Power supply value	9 to 15 VDC , 2 V pk-pk
Current consumption	8.6 mA (nominal)

Physical

Physical dimensions	81 x 101 x 28 mm (W x H x D)
Net weight	380 g
Colour	Grau (RAL 7035)

Environmental

Operating temperature	-20 to +55°C
Relative humidity	0 to 90% noncondensing; 90% at 30°C
IP rating	IP30

Inputs / outputs

Test output	Screw no. 4 for measuring ambient noise level

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 18 June 2026 - 14:26