VV700RA

Programmable Seismic Detector, incl. Form A Relay Board

Universal detector

The VV700 is the first fully digital seismic detector using a microprocessor that gives 100% digital signal analysis. That means the VV700 is completely adaptable for all types of applications, without any compromises in detection ability. As the detector is programmed on site, it can be perfectly adapted to the environment and eliminate false alarms. With this new technology the detector allow room for several different signal analysis programmes in the same hardware which previously only allowed for one. This makes the VV700 to a fully universal detector suitable for all known applications like safes, vaults, vault doors, ATM's, Night Safe Deposit Boxes, weapon stores etc.

Superior Detection

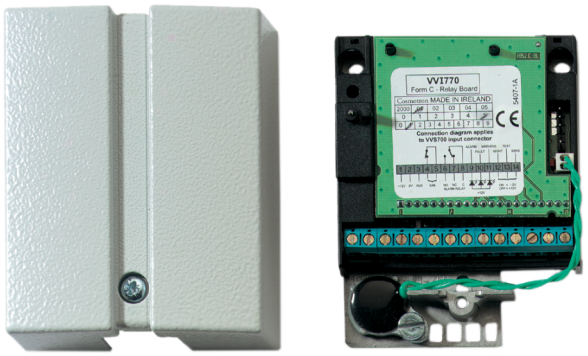
The seismic detector reacts to the characteristic vibration patterns of all breaking-and-entering tools, such as hammers, drills, diamond saws, hydraulic pressure tools and thermal tools like welding torch and thermal lance. It sense vibrations that occur with a 3 to 14 meter radius of where they are mounted, depending on the material and design of the protected object.

SCM700 & VVI740

The Seismic Configuration Manager 700 (SCM700) is a window based software program for the programmable seismic detector VV700. The program is very easy to install on your lap-top and will give you access to plenty of new and useful features such as background signal levels, verification of the detector settings, analysing software for on-site performance measurements etc. The VV700 is delivered un-programmed, but by using the configuration program the installer can choose from five pre-determined detector modes. Each program is tailored to a specific application. This will help you to make the most of the installation both to avoid false alarms and to have the highest performance when it comes to signal detection.
You communicate with the VV700 detector from your laptop with the configuration cable VVI740. The configuration cable VVI740 is only a tool that the installer need during the actual configuration of the detector and can be used to all his VV700 detector installations.

Plug-in boards & accessories

The VV700 features a plug in connection for all transponders designed in accordance with the draft standard IEC 839-2. In this way the transponder is integrated in the housing of the detector and is easily installed without any cabling or separate housing for the transponder.
If you don't have your own transponder the VV700 must have another plug-in board connected to the detector e.g. the Form A relay board VVI760 or the Form C relay board VVI770.
A complete range of accessories is provided for all kinds of applications to achieve the highest security.



Details

- Universal seismic detector
- Digital signal processing
- Special configuration program SCM700
- Programmable on site equal 100% flexibility
- Easy programming from laptop
- Special analysing software for on-site performance measurements
- Compatible to all existing VV600 Plus accessories

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Technical specifications

General

Application type	Universal
Tamper protection	Drill shield, opening/pry-off contact
Low voltage alarm	7.5 V

Detection

Range	3 to 14 m radius
Sensitivity adjustment	5 steps of approx. 6 dB each

Electrical

Power supply value	9 to 13 VDC
Current consumption	14 mA Standby : 7 mA, Active : 57 mA (excl. plug-in board) (ROM) Standby : 14 mA, Active : 64 mA (Incl. relay board VVI760/VV1770) (ROM)

Physical

Physical dimensions	80 x 100 x 33 mm (W x H x D)
Net weight	395 g
Colour	Grey (RAL 7035)

Environmental

Operating temperature	-20 to +55°C
IP rating	IP30

Input

	Depending on plug-in board

Output

	Depending on plug-in board

Tamper protection

Selectable	Voltage 7.5 V and/or temperature +84 °C

Low/high voltage

	Variable (default 7.5 V)

Low/high temperature

	Variable (default -15°C / +83°C)

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.

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