

# VV700

## Detector sísmico universal programable, sin relé.

### 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.



### Detalles

- Detector sísmico universal
- Procesamiento de señal digital
- Programa de configuración especial SCM700
- La programación en el lugar de trabajo ofrece un 100 por ciento de flexibilidad
- Programación sencilla desde un equipo portátil
- Software de análisis especial para las mediciones de rendimiento en el lugar de trabajo
- Compatible con todos los accesorios VV600 Plus existentes

# VV700

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### Technical specifications

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#### General

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Tipo de aplicación	Universal
Protección de tamper	Escudo de broca, contacto de apertura
Alarma de tensión baja	7,5 V
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)

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#### Detection

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Rango	Radio de 3 a 14 m
Ajuste de sensibilidad	5 pasos de aprox. 6 dB cada uno

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#### Inputs/outputs

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Input	Depending on plug-in board
Output	Depending on plug-in board

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#### Electrical

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Valor de la fuente de alimentación	9 to 13 VDC
Consumo de corriente	7 mA Standby : 7 mA, Active : 57 mA (Excl. plug-in board) (ROM) Standby : 14 mA, Active : 64 mA (Incl. relay board VV1760/VV1770) (ROM)

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#### Physical

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Dimensiones físicas	80 x 100 x 33 mm (W x H x D)
Peso neto	395 g
Color	Gris (RAL 7035)

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#### Environmental

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Temperatura de funcionamiento	-20 to +55°C
Clasificación IP	IP30

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#### Regulatory

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Certificación	VdS
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Last updated on 30 August 2023 - 13:57