

# VD 500-Z2

## Seismic Detector Set



### Product :

Certifications	VdS G 114006 Class C, SBSC class 4 - 13-573, NBÜ CZ Typ 3, NBÜ SK Typ 3, F&P, FG
Tension de l'alimentation	8 -30VDC
Appel de courant (veille)	7.5 mA at 12 V / 4.6 mA at 24 V
Appel de courant (alarme)	8,4 mA at 12 V / 5.1 mA at 24 V
Sortie alarme	Relay, NC
Cote commutateur	35 VDC / 100 mA
Indicateur d'alarme	LED (not visible when lid is attached)
Autoprotection / Cote	Yes / 35 VDC / 50mA
Connexion	Screw terminals
Matériau du coffret	Metal
Couleur	Gris
Température de fonctionnement	-40 to +70°C
Indice de protection	IP 43
Dimensions (L x l x h) mm	86 x 41 x 23



### Product description:

The VD 500 seismic detector provides reliable detection and high immunity to false alarms when mounted on steel or concrete objects such as firearm cabinets, payment terminals, ATMs, safes, concrete walls etc. It detects intrusion attempts with explosives and mechanical tools such as diamond drills, cutting discs, grinding and thermal tools.

The VD 500 includes digital signal processing (DSP) with an advanced detection algorithm. As a result, the detector is high performing with high immunity to external disturbances. The device has 3 separate detection channels: integration channel (detects weak signals), count channel (up to 4 events) and explosion channel (detects strong signals with short duration). The sensitivity and type of object to be protected is selected via a DIP switch.

The detector is small in size and suitable for installation in limited spaces.

When mounting, ensure that the detector is secured firmly to the contact surface. When mounting on concrete and brick walls, the MP 500 mounting plate with anchor bolt should always be used. In severe environments, either indoors or outdoors, the special WH 400 housing with integrated heaters should be used to maintain suitable temperature and humidity for the detector.

The VD 500 seismic detector is equipped with a temperature sensor that triggers an alarm at 75°C or 6°C/min, tamper protection against attempts at breaking or opening the housing as well as a self-test generator with a separate input for testing control.

The set includes 1 VD 500, stainless steel flexi-tube MC T4 and junction box JB 102.

**Related products and accessories**

	<p><b>MP 500</b></p> <p>Mounting Plate for VD 500</p>
	<p><b>JB 50</b></p> <p>Junction Box in Metal for Enhanced Safety</p>
	<p><b>JB RJ45</b></p> <p>Junction Box in Metal</p>
	<p><b>WH 500</b></p> <p>Weather Protection Housing</p>
	<p><b>VD 503</b></p>