

Guardall BG-9

High Security Seismic Detector

- Detects vibration and heat
- Ideal for strong rooms, safes, and ATM
- Low Voltage indication
- Solenoid and non solenoid protection flaps
- Auto reset and alarm memory
- Sensitivity adjustment
- VdS Class C approval



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Specification

Power Supply	9 – 29V dc
Current (quiescent /alarm)	5 – 6mA
Sensitivity adjustment	Dip/Switch
Protection rating	IP 43
Alarm duration	approx 2 second
Alarm output	NC relay
Coverage	typically 3m radius on concrete walls
Dimensions	70 x 110 x 32mm
Temperature	from -10° to +60°C
Relative Humidity at 30°	95% non condensing

Features

- The BG-9 is an easy to install multi-purpose high security seismic detector.
- A crystal microphone detects the slightest vibrations of the structure where the detector is mounted and converts them into electrical signals. Only vibrations with defined signal parameters will generate an alarm.
- Installation is very easy. The unit is designed for various applications including strong rooms, safes, cash dispensers and automatic ticket vending machines.
- Different keyflaps are available depending on the application. See ordering information below.
- Dedicated PC software allows accurate adjustment of all parameters and may therefore be useful for critical applications.
- Sensitivity can be easily programmed from 30dB to 60dB using the links provided.
- Continuous supervision of connection between the printed circuit board and the piezoelectric sensor.
- Temperature sensors are provided to detect “extreme cold” and “high temperature” attacks.
- The detector is fully tamper protected against removal from wall and removal of cover.
- Short duration, but high intensity signals (explosions) are detected and processed by a special circuit.

Ordering Information

W74314	Seismic Detector BG-9
W74317	Test noise generator for concrete
W74316	Test noise generator for metal
W73744	Remote test unit
W74373	Safe protection flap (15mm)
W74374	Safe protection flap (50mm)
W74375	Safe protection flap with solenoid (15mm)
W74376	Safe protection flap with solenoid (50mm)
W74086	Conduit fixing/installation kit

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