

VD-1 BR

VIBRATION DETECTOR WITH MAGNETIC CONTACT

The VD-1 vibration detectors are designed for perimeter protection of windows and doors exposed to an attempt of forced entry. Owing to digital signal analysis with multi-step control, the detectors can be easily customized for a particular application.

FEATURES

- piezoceramic vibration sensor
- digital signal processing
- detection sensitivity and settings adjustment
- NC relay output for connection to intruder alarm panels
- independent integrated magnetic contact



TECHNICAL SPECIFICATION

Supply voltage	12 V DC $\pm 15\%$
Current consumption, stand-by	3.5 mA
Current consumption, max.	5.4 mA
Permissible switching capacity of relay switches (resistive load)	40 mA / 16 V DC
Approx. operation range of vibration detector, depending on mounting surface: concrete	1.5 m
Approx. operation range of vibration detector, depending on mounting surface: brick	2.5 m
Approx. operation range of vibration detector, depending on mounting surface: wood	3.5 m
Approx. operation range of vibration detector, depending on mounting surface: steel	3 m
Approx. operation range of vibration detector, depending on mounting surface: PVC	2.25 m
Environmental class	II
Operating temperature range	-30°C...+55°C
Enclosure dimensions	24 x 110 x 27 mm
Weight	44 g