

# AVD-100

## WIRELESS VIBRATION DETECTOR AND MAGNETIC CONTACT

The AVD-100 wireless vibration detector with magnetic contact is designed to work in the **ABAX** two-way wireless system. It is part of the basic perimeter protection and serves to protect doors, windows, etc., by detecting vibrations caused by attempts to force them open (piezoelectric sensor) or signaling their opening (magnetic sensor). Sensitivity of the vibration sensor is configured remotely by using the **DLOADX** program, while advanced analysis of the acoustic signal reduces the risk of false alarms caused by strong gusts of wind, etc.. Using the two built-in reed switches provides an option to choose the method of installation: the magnet interacting with the sensor can be placed either under or beside the detector, depending on the needs. The detector has a tamper switch and a test mode LED indicator. AVD-100 is compatible with **INTEGRA 128-WRL** control panel, **ACU-120**, **ACU-270** and the older **ACU-100**, **ACU-250** controllers, as well as with **ARU-100** radio signal repeater. It meets the requirements of EN 50131-2-6 for Grade 2.

The AVD-100 detector is available in two color versions: white (**AVD-100**) and brown (**AVD-100 BR**).

- advanced processing of piezoceramic sensor signal
- adjustable sensitivity and settings of vibration sensor
- independent integrated magnetic contact
- remote configuration
- tamper protection

## TECHNICAL DATA

Environmental class	II
Battery working time (in years)	Estimated 3 years
Enclosure dimensions	24 x 110 x 27 mm
Operating temperature range	-10...+55 °C
Operating frequency range	868,0 ÷ 868,6 MHz
Standby mode current consumption	500 µA
Max. current consumption	16 mA
Weight	59 g
Radio communication range (in open area)	up to 500 m
Battery	CR123A 3V

