

# AVD-100

## WIRELESS VIBRATION DETECTOR AND MAGNETIC CONTACT

ABAX system is designed as a wireless expansion for any hardwired control panel. Unique technological solutions used by SATEL's engineers ensure the highest possible security level for a wireless system.

### FEATURES

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



### TECHNICAL SPECIFICATION

<b>Working frequency band</b>	868.0 MHz + 868.6 MHz
<b>Radio communication range</b>	up to 500 m (in open area)
<b>Supply</b>	CR123A lithium battery, 3 V
<b>Battery life expectancy</b>	approx. 3 years
<b>Maximum detection range of vibration detector, depending on mounting surface – concrete</b>	1.5 m
<b>Maximum detection range of vibration detector, depending on mounting surface – brick</b>	2.5 m
<b>Maximum detection range of vibration detector, depending on mounting surface – wood</b>	3.5 m
<b>Maximum detection range of vibration detector, depending on mounting surface – steel</b>	3 m
<b>Maximum detection range of vibration detector, depending on mounting surface – PVC</b>	2.25 m
<b>Standby current consumption</b>	50 µA
<b>Maximum current consumption</b>	16 mA
<b>Environment class according to EN50130-5</b>	II
<b>Working temperature range</b>	-10°C...+55°C
<b>Maximum humidity</b>	93 ±3%
<b>Housing dimensions</b>	24 x 110 x 27 mm
<b>Weight</b>	59 g