

SIM-SHOCK1

Wired Vibration Detectors

The SIM-SHOCK1 is a wired vibration sensor used for detecting mechanical impacts, such as hammer, drill, explosive, diamond drills and hydraulic pressure.

The SIM-SHOCK1 is designed for usage with vaults, safes and ATM machines or other reinforced areas such as deposit boxes, data storage, windows/doors frame and filling cabinets.

PRODUCT FEATURES

- Unique signal analysis ignores environmental and disturbances
- Sensitivity adjustment.
- New ultra compact design.
- Wall mount installation.
- Outstanding detection range and reliability
- A frequency analysis circuit responds to low & amplitude Long-duration signals (drilling or thermal lance)
- Relay Out
- LATCH Input – Enables to see which detector performed an alarm



SPECIFICATION

Detection Method	Piezzo
Detection Radius(m)	Mechanical tools - up to 6m
Power Input	9.6 to 16 Vdc
Current Draw	10 mA
Alarm Duration	2 ±0.5 sec
Alarm Output	Form A, N.C 30Vdc @ 0.1 A with 10Ohm series protection resistors
Tamper Contact	N.C 30Vdc @ 0.1A with 10 Ohm series protection resistor
Tamper Switch	Open when cover is removed or unit removed from the wall.
Warm Up Period	5 Sec
LED Indicator	Red LED is ON during alarm
Dimensions	85mm x 25mm x 20mm
Humidity	<95% relative humidity, non Condensing
Housing Protection	IP43
Operating Temp.	-10°C to +50°C
Storage Temp.	-20°C to +70°C
Weight (grs)	35
EMI Rejection	50Khz to 2Ghz >15V/m

STANDARDS COMPLIANCE

EN50130-4
EN50130-5
EN50131-1,
EN50131-2-1
Security Grade 2, Environmental Class II