

# VIBRO

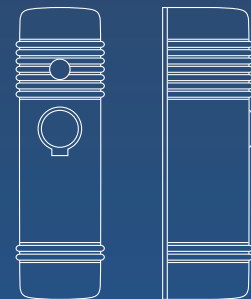
## Shock Sensor



### **INNOVATIVE TECHNOLOGY FOR A NEW GENERATION OF SHOCK SENSOR**

VIBRO is an intelligent Microprocessor controlled shock sensor. The sensitivity is automatically set in Learn Mode by the level of a recognised impact made to the protected area. The number of impacts i.e. Pulse count required to generate an alarm is determined by the number of recognised impacts made in the learn mode

A non-volatile memory retains all programmed settings should the supply voltage be removed and subsequently restored.

**OPTEX**innovation  
...performance

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## Shock Sensor

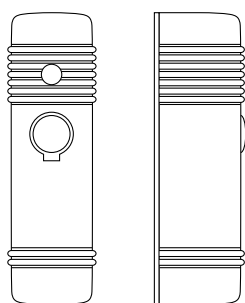


### FEATURES

- **AUTO PROGRAMMING** - Unique automatic calibration of desired impact level and pulse count in learn mode.
- **SELECTABLE HIGH OR LOW SENSITIVITY** - The wide dynamic range of the VIBRO allows it to be calibrated to suit either a noisy or quiet environment.
- **SELECTABLE WALK TEST** - With this feature it is possible to test if the VIBRO is correctly calibrated to suit the installation.
- **LATCHING** - Unique sequential latching, first to alarm, normal latching and non latching are selectable.
- Unique auto selection of latch control voltage either negative or positive on set-up.
- **AUTO TEST** - Self test on initial power up using bi-colour LED
- **INSTALLATION CONVENIENCE** - Attractive design with good wiring space, giving simple installation. Cable entry grommet and fixing screws provided.

### SPECIFICATION

Supply Voltage	9V - 16V DC	Alarm Period	Approx 2.0 sec
Current - Quiescent	16.5mA	Tamper Switch	NC Open when cover removed
- Alarm	15.8mA	Operating Temperature	-20°C to +50°C
Sensitivity	Automatic from learn mode impact	Environmental Humidity	90% Max
Pulse Count	1 to 8 Programmed in learn mode	Dimensions	93 x 25 x 24mm
Indication	Two colour LED	Max. No. Any latch	128
Latch Modes	Any - First to alarm - Sequential	Max. No. 1st or Sequential	16
Alarm Output	NC 24 VDC 150mA Resistive	Weight	35 grams



### COVERAGE

SURFACE	RADIUS
Concrete	1.5m
Brick wall	2.5m
Breezeblock	1.5m
Steel	3.0m
UPVC	2.25m
Wood	3.5m

### GROSS ATTACK

The gross attack feature enables the VIBRO to create an alarm from a single impact. This feature bypasses the pulse counting in cases of gross impact detection.