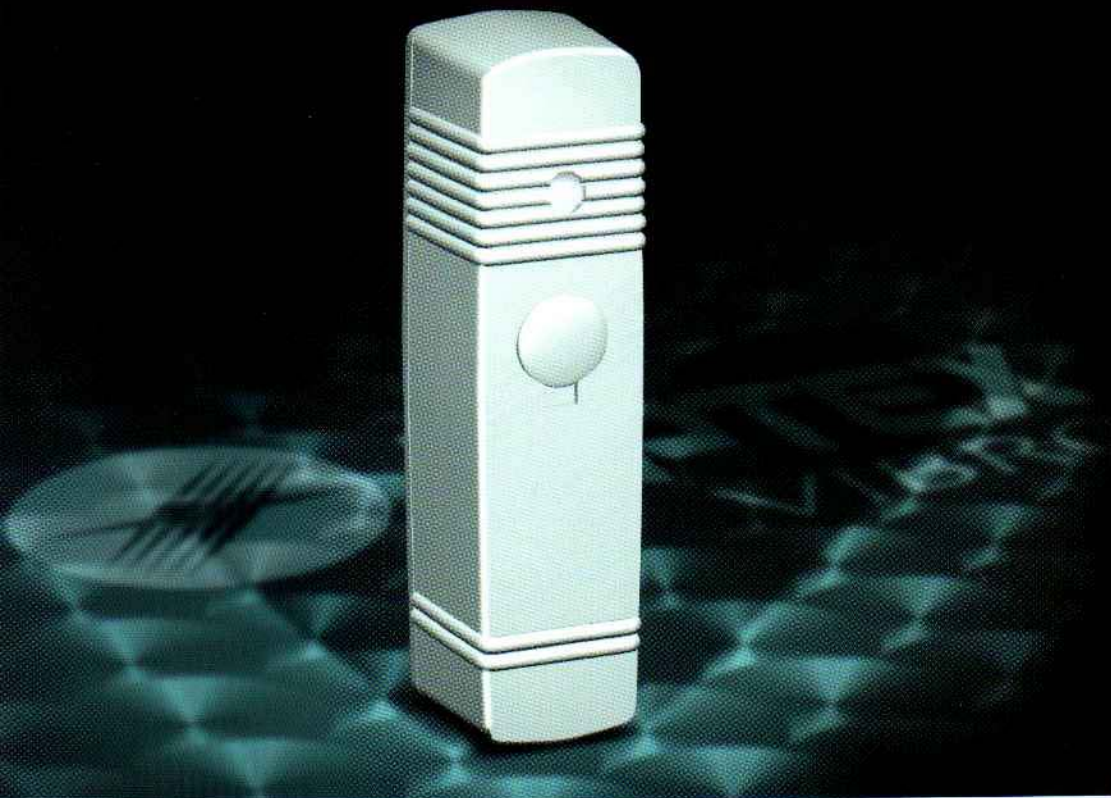


VIBRO

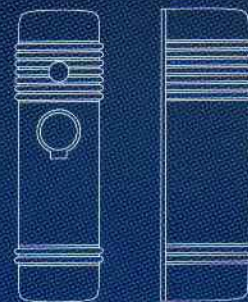
Shock Sensor



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

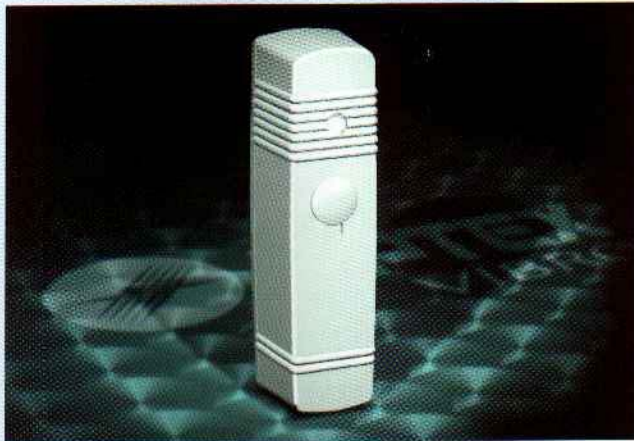
A non-volatile memory retains all programmed settings should the supply voltage be removed and subsequently restored.

**OPTEX**

innovation ..performance

VIBRO

Shock Sensor

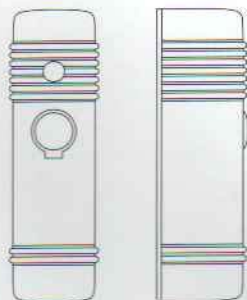


FEATURES

- **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.