

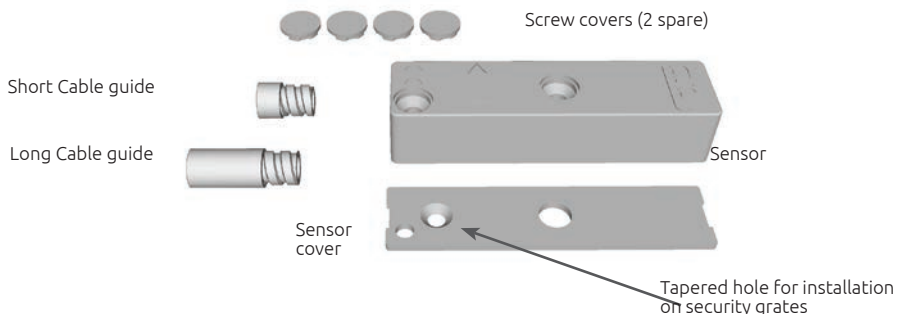


# Magnetic vibration detectors CLV-series CLV-02M models, surface mount

## 1. TECHNICAL FEATURES

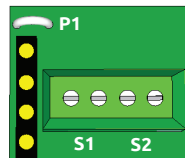
- \* Dimensions in mm (l x w x h): 84 x 22 x 17
- \* **Compatible with the most common analysis boards, including the ones integrated in recent alarm panels**
- \* Electrical parameters (max): 30VDC, 250mA, 0.25W
- \* Resistance to mechanical shocks: 100G
- \* **No positioning constraints:** CLV-02 can be installed in any orientation, horizontal or vertical, without any degradation in their performance
- \* For optimal results, install it next to the area where the burglar is most likely to act, e.g. next to the door or window's lock
- \* Fiber-glass reinforced polymer case
- \* Modular cable exit system: short cable guide, long cable guide for PVC sheaths (8mm ext.diam.), compatible with stainless steel security sheath art. no. CLH-2G10
- \* 4-position terminal board, with plug system for quick insertion of end-of-line resistance

## 2. PACKAGING



## 3. WIRING

- \* Electrical configuration:
  - \* S1: primary inertial sensor - closed when no vibrations are detected.
  - \* S2: magnetic tampering circuit, closed when no magnets are surrounding the sensitive parts of the sensor
- \* The magnetic tamper circuit must be connected to a 24h port of the alarm panel. Alternatively, **if you are using a VAS board, it is possible to connect in series the magnetic tamper circuit S2 with the primary circuit S1 and connect the serie to the input port of the VAS board**
- \* The primary S1 circuit must be connected to an analysis board for passive vibration detectors, or to a fast port of an alarm panel.
- \* To balance the inertial sensor, cut the jumper P1 and insert a PLUG2-r of the desired value. **If you are using a VAS-400 or VAS-800 board, use a PLUG2-2K2**



## 4. INSTALLAZIONE

- \* For installation on **walls, doors or windows:**
  - \* Close the detector with its cover, and fix the sensor to the wall or window frame using screws that go through the main holes of the detector's case.
- \* For installation on **security grates or metal bars:**
  - \* Fix the sensor cover to the bar using the tapered hole.
  - \* Use the main central hole of the sensor case to fix it to the cover and to the bar.
- \* Screw covers are anti-tamper, and **should be positioned only after testing is complete.**