



# Magnetic vibration detectors CLV-series CLV-01 models, flush mount

## 1. TECHNICAL FEATURES

- \* Dimensions in mm (d x h): 9x28
- \* **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
- \* Potted internal circuitry
- \* **No positioning constraints:** CLV-01 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

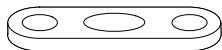


CLV-01

## 2. INSTALLATION ON WOOD

- \* Prepare a hole with a **9,5mm drill**, and then simply press-fit the detector

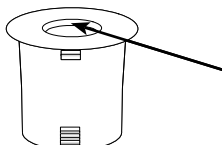
## 3. INSTALLATION ON ALUMINUM/PVC



CLV-AL

- \* **Use the CLV-AL adapter**
- \* Prepare a hole with a **10mm drill**
- \* Press-fit the CLV-01 into the CLV-AL adapter and fix the adapter to the door/window frame with self-tapping screws

## 4. INSTALLATION ON IRON MATERIALS

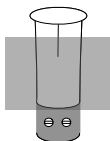


CLV-BL

- \* **Use the CLV-BL adapter**
- \* Prepare a hole with a **20mm drill**
- \* Press-fit the CLV-01 into the CLV-BL adapter, **taking care of pushing it down to the mark**, so that the exposed face of the detector is fully encased 5mm below the face of the adapter
- \* Press-fit the adapter to the door/window frame

## 5. INSTALLATION NEXT TO FERROUS/MAGNETIC MATERIALS

Ferromagnetic materials buffer zone



- \* CLV-series vibration detectors are based on a revolutionary magnetic technology. Therefore, it is important that they are not installed in direct contact with ferromagnetic materials that can change their sensitivity.
- \* In particular, please take care of installing the detector so that no ferromagnetic material is present within the buffer zone indicated in the figure.
- \* In case of installation in doors or window frames that contain ferromagnetic material, please either use the CLV-BL adapter or take care of installing the detector so that a buffer zone of 2mm is ensured.

## 6. INSTALLATION NEXT TO A CLIC MAGNETIC CONTACT

- \* CLV sensors can be installed next to CLIC magnetic contacts, or even traditional magnetic contacts
- \* Please make sure that the contact's magnet is installed at least 40mm apart from the CLV-01
- \* In case you are using CLV-AL and CLR-AL adapters, just placing them next to each other will take care of respecting the minimum installation distance between vibration detector and contact.



CLV-AL

CLR-AL