

## CLV-02 models

SURFACE MOUNT VIBRATION SENSORS



## CLV-02

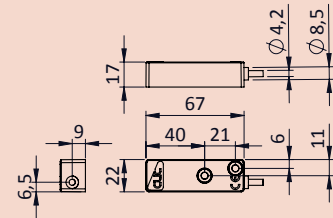


### Magnetic vibration sensors Flying lead

CLIC V-series are the first vibration/shock sensors based on Magnasphere technology. Thanks to their hybrid inertial/magnetic technology, CLIC vibration sensors are not subject to any positioning constraints. Therefore they can be installed in the areas of the door that are more commonly attacked by burglars, e.g., near the lock. At the same time, they guarantee a high reliability and a sensitivity comparable to the best products available on the market. This makes them compatible with analysis circuitry from all major manufacturers. Fully potted and with a fiberglass reinforced case, they are ideal in any installation, even outdoors.

- Design based on patented Magnasphere technology, used under license
- Enhanced reliability
- Dedicated magnetic-tamper circuit
- Compatible with analysis circuitry from all major brands
- High resistance to mechanical and electrical shocks
- Modular cable exit system
- Anti-tamper screw plugs
- Fully potted for internal or external use

## TECHNICAL CHARACTERISTICS

**CASE**

Fiber-glass reinforced nylon

**POTTING**

Fully potted

**ELECTRICAL CONTACT**

Closed with sensor in steady state

**TAMPER CIRCUIT**

Magnetic tamper protection: dedicated circuit closed in regular operation

**EMBEDDED EOL RESISTOR**Optional on request:  $r$  Ohm in series (primary circuit)**ELECTRICAL PARAMETERS**

30 VDC max, 250 mA, 0.25 W

**TERMINALS**

200cm 4x0.14 flying lead, PVC sheath, tamper pass-through for versions w/out EOL resistor

**MAXIMUM COVERED RADIUS\***On doors/windows/security grates: 1.75mt  
On walls: 1,5mt**ENVIRONMENTAL CLASS**

Compatible Class IV EN 50131

**COLOUR CODES**

...	-N:	brown
...	-W:	white
...	-G:	grey

(\*) This is the maximum coverage when using VAS-series analysis boards. Coverage might decrease with other boards. Coverage might also be significantly affected by the door/window material, its type (fixed/openable), and the way it is fixed to walls. The same reasoning applies to the sensor's coverage area when mounted on walls.

### Ordering guide

SENSOR	APPLICABILITY	PACKAGING
<b>CLV-02</b>	Walls, doors, windows, security panels - Free positioning	Sensor, cable guide, cable guide for PVC sheath, screw covers: 1 set
<b>CLV-02-R</b>	Walls, doors, windows, security panels - Free positioning	Sensor, cable guide, cable guide for PVC sheath, screw covers: 1 set

**NOTE:** Embedded EOL resistor:  $r$  Ohm in series (primary circuit).  
Substitute the required resistor value to the letter "r" to get the correct ordering code.