

CLV-03 models

SURFACE MOUNT VIBRATION SENSORS WITH HIGH-SECURITY MAGNETIC CONTACT



CLV-03



Magnetic vibration sensors with integrated contact 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. The integrated high-security contact makes them ideal for protecting any doors or windows.

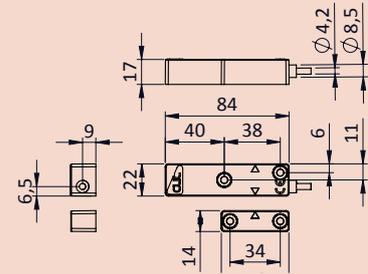
- Design based on patented Magnasphere technology, used under license
- Enhanced reliability
- Dedicated magnetic-tamper circuit
- Compatible with analysis circuitry from all major brands
- High resistance to mechanical and electrical shocks
- Modular cable exit system
- Anti-tamper screw plugs
- Fully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

Ordering guide

SENSOR	APPLICABILITY	PACKAGING
CLV-03	Doors, windows, security panels - Free positioning	Sensor, cable guide, cable guide for PVC sheath, screw covers: 1 set
CLV-03- R	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/parallel (contact) + r Ohm in series (primary circuit)
Substitute the required resistor value to the letter "r" to get the correct ordering code.

TECHNICAL CHARACTERISTICS



CASE

Fiber-glass reinforced nylon

MAGNET

Neodymium

POTTING

Fully potted

ELECTRICAL CONTACT

Closed with sensor in steady state. Closed magnetic contact with magnet in secure position

TAMPER CIRCUIT

Magnetic tamper protection: dedicated circuit closed in regular operation

EMBEDDED EOL RESISTOR

Optional on request: r Ohm in series (magnetic contact) r Ohm in parallel, r Ohm in series (vibration sensor)

ELECTRICAL PARAMETERS

30 VDC max, 250 mA, 0.25 W

TERMINALS

200cm 6x0.22 flying lead, PVC sheath

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.