

Description

Surface inertial sensors are based on Magnasphere® magnetic technology for vibration detection.

Based on a new hybrid inertial/magnetic principle, the inertials are not subject to positioning constraints and can therefore be installed in areas where the risk of burglary is higher, on walls, doors, window frames, security gates or metal bars.

Completely resinated and with a fiberglass reinforced nylon case, they are also ideal for outdoor use.

Ksenia Security's inertial sensors can be connected directly to the inputs of the auxi modules and installed freely, either horizontally or vertically, without any loss of performance.



KSI5CLV-02.00W

Main features

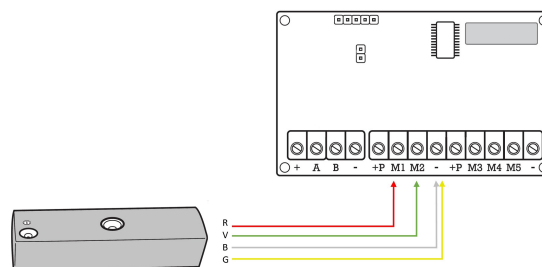
- Design based on patented Magnasphere® technology, used under license
- Enhanced reliability
- High resistance to mechanical and electrical shocks
- Prolonged efficiency over time
- Integrated electrical balance (Double parallel balanced 10k)
- Individual quality control
- CASE: Fiber-glass reinforced nylon
- POTTING: Fully potted
- ELECTRICAL CONTACT: Closed with sensor in steady state
- TAMPER CIRCUIT: Magnetic tamper protection: dedicated circuit closed in regular operation

Technical Specifications

Electrical parameters max:	30Vdc, 250mA, 0.25W
Resistance to mechanical shock:	Up to 100G acceleration
Protection magnetic sabotage:	YES
Modular cable exit system:	installed short cable guide, long cable guide for PVC sheath (8mm d)
2m cable 4 wires:	White-Red: vibration detector, closed when no vibrations are detected; Green-Yellow: magnetic tampering circuit, closed when no magnets are surrounding the sensitive parts of the sensor.
Dimensions:	84 x 17 x 22 mm (WxHxD)

Terminal wiring

Connect the sensor to a Ksenia peripheral card with alarm inputs (example: auxi), following the instruction below



R - Red and V - Green to Any of the terminals [M1...M5]
B - White and G - Yellow to [-] Ground terminal

Red = vibration detector

Green = magnetic alarm tampering circuit

How to order

KSI5CLV-02.00W - white inertial sensor

Compliance

Europe CE, RoHS

ENVIRONMENTAL
CLASS IV EN 50131



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