



part of the **Essence Group**

Magnetic Detector with Shock sensor and Input

ES700MGLS

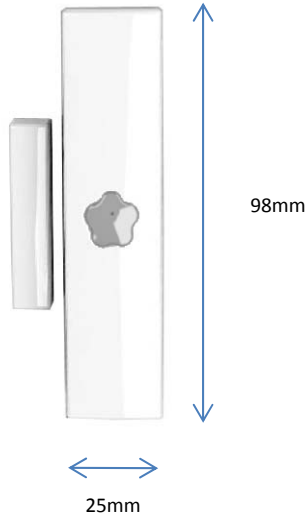
Door and Window Sensor

- ✓ Magnetic detector using a dual-LED, (green/red) for open/close, visual indicators
- ✓ Advanced shock filtering algorithm detects surface vibrations and minimizes false alarms
- ✓ Integrated input for wired detector: security sensor, safety detector (e.g. water leakage) or SOS button
- ✓ Long battery life
- ✓ Very easy to install with a double-sided adhesive tape



The ES700MGLS Magnetic Detector seamlessly integrates with the VeriSure family of control panels and other products from Essence Security

With millions of systems and security peripherals installed internationally, Essence Security is a technological and market leader in the field of advanced security solutions for homes, offices and full-service central monitoring stations



ES700MGLS

Magnetic Detector with Shock sensor and input

DESCRIPTION

A 3-in-1 solution for break-in detection and legacy wired device absorption. The ES700MGLS satisfies three functional needs with a single device installation:

- Magnetic detector using a dual-LED, (green/red) for open/close, visual indicators
- Advanced shock filtering algorithm detects surface vibrations and minimizes false alarms
- integrated input for wired detector: security sensor, safety detector (e.g. water leakage) or SOS button

Installation in seconds with double-sided adhesive tape mounting

WIRELESS

- Bi-directional: End-to-End Bi-Directional ESI protocol
- Advanced radio supervision algorithm
- Up to 700 meters RF range (open air)
- Modulation and Frequency: BFSK , 868.3 MHz or 916.5 MHz



Essence
SECURITY

Essence Security Ltd.

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- Encoding: 32-bit ID, over 4 billion combinations
- #### SECURITY
- Tamper Mechanism: Double Triggered Tamper – Top & Wall
 - Unique electronic serial number

POWER CONSUMPTION

- Long operation period (over 36 months) without external power source
- Uses one 3V CR123A Lithium Battery

SIZE & WEIGHT

- Size:
 - Detector = H-25mm/ L-98mm/ W-25mm
 - Magnet = H-10mm/ L-46mm/ W-14.5mm
- Weight:
 - Detector = 45 grams (incl. battery)
 - Magnet = 25 grams

ENVIRONMENTAL

- Operating Ambient Temperature range -5° - 55° Celsius
- Humidity: Up to 95% non condensing

CERTIFICATIONS AND APPROVALS *

- CE: CE mark, EMC/EMI according to ETSI EN 301 489-4, ETSI EN 301 489-1, EN 50130-4:1996, EU Directive 1999/5/EC for R&TTE
- Radio: ETSI EN 300 220-3, ETSI EN 300 220-1, CEPT/ERC Recommendation 70-03, EN 50131-5-3:2005 + A1:2008
- Safety: EN/IEC60950-1, TUV : UL 60950-1
- Security & Alarm systems: EN 50131-1:2006 + A1:2009 Class-II Grade-2, EN 50131-2-6:2008 Class-II Grade-2, EN50131-6:2008 Type-C
- Environmental Regulation: RoHS 2002/95/EC
- Reliability (Mechanical & Environmental conditions): EN 50130-5:1999 and IEC 60068
- Manufacturing and Materials Standards: ISO 9001:2008, ISO 14000



* Some certification processes are in progress