

CLH-301 models

SURFACE MOUNT MAGNETIC CONTACTS



CLH-301



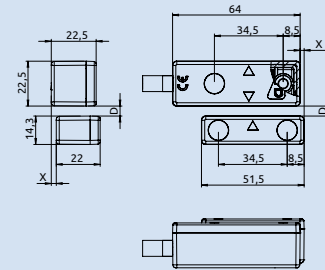
Magnetic contact with pry-tamper on sensor Flying lead

CLH-301 contacts combine the high security of Magnasphere® technology with a microswitch tamper protection in such a compact and robust fiber-glass reinforced nylon case.

The modular cable-exit system allows the contact to be completed with a stainless steel reinforced armor (optional, art. CLH-2G10) or any other sheath with 8mm ID. The magnetic contact is composed by a standard electrical basis and a coloured cover available in brown, white and grey. Fully potted for indoor or outdoor installations.

- Design based on patented Magnasphere® technology, used under license
- Magnetic anti-masking: magnets placed outside of the protected perimeter cannot prevent the contact from opening once the reference magnet moves away
- If installed with minimum operating gap, they offer higher security than traditional triple-balanced reed contacts
- High resistance fiber-glass reinforced nylon case
- Anti-tamper screw covers
- Embedded EOL resistors available on request
- Microswitch tamper protection
- Suitable for in-line or right-angled installations without any extra mounting plates
- Modular cable exit system
- Back side cable exit
- Fully potted for indoor or outdoor installation

TECHNICAL FEATURES



CASE
Fiber-glass reinforced nylon

MAGNET
Neodymium

POTTING
Fully potted

ELECTRICAL CONTACT
Closed with magnet in secure position

TAMPER CIRCUIT
Microswitch tamper protection: dedicated circuit closed in regular operation

EMBEDDED EOL RESISTORS
Optional on request:
r Ohm in series, r Ohm in parallel

ELECTRICAL PARAMETERS
30 VDC max, 250 mA, 0.25 W

TERMINALS
PVC sheath. 200cm 4x0.14 flying lead, for standard versions. 200cm 2x0.22 flying lead, for versions with embedded EOL resistors

RESISTANCE TO MECHANICAL SHOCKS
Up to 100g acceleration

SECURITY
Certified Grade 3 EN 50131-2-6



CLASSE AMBIENTALE
Certified Class IV EN 50131-2-6

COLOUR CODES

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

Ordering guide

CONTACT	ELECTRICAL CONFIGURATION	D MAX	X MAX	PACKAGING
CLH-301	Contact closed with magnet in secure position, pry- tamper on sensor	On ferrous mat.: 15 mm On non fer. mat.: 15 mm	10 mm	Sensor, cover, magnet, spacers, cable guide, cable guide for PVC sheath, screw covers: 1 set
CLH-301-R	Contact closed with magnet in secure position, pry- tamper on sensor	On ferrous mat.: 15 mm On non fer. mat.: 15 mm	10 mm	Sensor, cover, magnet, spacers, cable guide, cable guide for PVC sheath, screw covers: 1 set

NOTE: Embedded EOL resistors: r Ohm in series, r Ohm in parallel. Substitute the required resistor value to the letter "r" to get the correct ordering code.