

## 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.

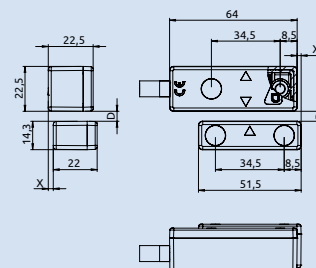
- Design based on patented Magnasphere® technology, used under license
- Magnetic anti-masking: magnets placed outside of the protected perimeter cannot prevent the contact from opening once the reference magnet moves away
- If installed with minimum operating gap, they offer higher security than traditional 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

**Ordering guide**

CONTACT	ELECTRICAL CONFIGURATION	D MAX	X MAX	PACKAGING
<b>CLH-301</b>	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
<b>CLH-301- R</b>	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.

## 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**

Compatible w/ Grade 3 EN 50131-2-6

**CLASSE AMBIENTALE**

Compatible w/ Class IV EN 50131-2-6

**COLOUR CODES**

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