

CLH-100 models

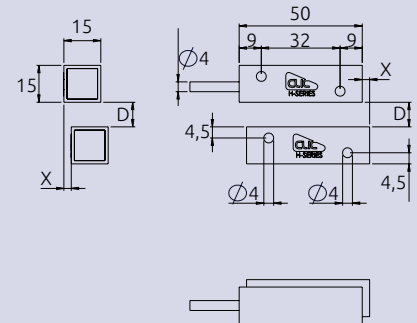
SURFACE MOUNT



CLH-100



Technical features



CASE

Anodized aluminum case, ABS skeleton

MAGNET

Neodymium

POTTING

Fully potted

ELECTRICAL CONTACT

Closed with magnet in secure position

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

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

RESISTANCE TO MECHANICAL SHOCKS

Up to 100g di acceleration

SECURITY

Compatible w/ Grade 3 EN 50131-2-6

ENVIRONMENTAL CLASS

Compatible w/ Class IV EN 50131-2-6

Contact closed with magnet in secure position 2 or 4-wire flying lead

CLH-100 contacts offer a unique combination of security, quality, ruggedness and design that make them ideal for installation in commercial and banking applications.

- ▶ **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, anodized aluminum case, fully potted construction: suitable for internal or external use**
- ▶ **Compact design: high security in a 5cm x 1.5cm x 1.5cm package**
- ▶ **Embedded EOL resistors available on request: ease of installation with maximum dependability**
- ▶ **Models CLH-101 and CLH-101-*r* offer particularly large operating gaps**

Ordering guide

CONTACT	D MAX	X MAX	PACKAGING
CLH-100	On ferrous/non ferrous materials: 6/8 mm	5 mm	Sensor, magnet, pair of 5mm spacers: 2 sets
CLH-101	On ferrous/non ferrous materials: 10/15 mm		
CLH-100- <i>r</i>	On ferrous/non ferrous materials: 6/8 mm	5 mm	Sensor, magnet, pair of 5mm spacers: 2 sets
CLH-101- <i>r</i>	On ferrous/non ferrous materials: 10/15 mm		

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.