

# CST-03 models

CODED MAGNETIC CONTACTS W/ LARGE OPERATING GAP



## CST-03

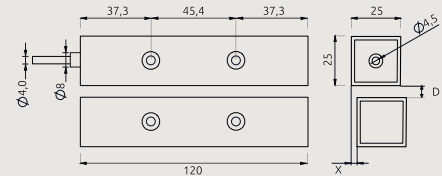


### Magnetic contact Flying lead

Coded Sensor Technology, a TSec exclusive, allows the production of matching magnet/sensor pairs: for the first time, a passive sensor is able to recognise its own magnet. Attempts at using a magnet different from the coded one will be signalled by the opening of a dedicated, 24h tamper circuit. CST contacts, even with such advanced features, are fully passive, and can be interfaced with any existing alarm panel. CST-03 also offer a very large operating gap, which makes them ideal on any type of gate or large door. They are fully potted, for internal or external use.

- Design based on patented Magnasphere® technology, used under license
- Magnetic anti-masking from both the outside and inside of the protected perimeter
- Matching magnet/sensor pairs
- High resistance anodised aluminium case
- Modular cable exit system
- Suitable for in-line or right-angled installations without any extra mounting plates
- One-way, self tap stainless steel security screws included
- Embedded EOL resistors available on request: ease of installation with maximum dependability
- Fully potted for indoor or outdoor installation
- Optional stainless steel sheath CLH-2G 10 (10m) or CLH- 2G 5 (5m)

### TECHNICAL CHARACTERISTICS



**CASE**  
ABS + anodised aluminium

**MAGNET**  
Neodymium

**POTTING**  
Fully potted

**ELECTRICAL CONTACT**  
Closed with magnet in secure position

**ELECTRICAL PARAMETERS**  
30 VDC max, 250 mA, 0.25 W

**TERMINALS**  
300cm 4x0.14 flying lead

**RESISTANCE TO MECHANICAL SHOCKS**  
Up to 100g acceleration

**SECURITY**  
Compatible Grade 3 EN 50131-2-6

**ENVIRONMENTAL CLASS**  
Compatible Class IV EN 50131-2-6

### Ordering guide

SENSOR	D MAX	X MAX	PACKAGING
<b>CST-03</b>	Ferrous materials: 19 mm Other materials: 19 mm	10 mm	Sensor, magnet, spacers, cable guide, cable guide for PVC sheath, screw covers, anti-tamper st.st. screws CLH-1S: 1 set
<b>CST-03-R</b>			

**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.