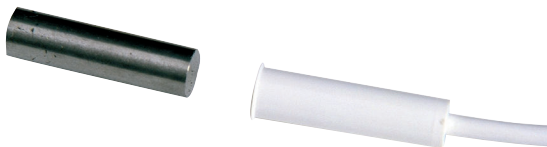


# LSN Built-In Magnetic Contact

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- ▶ LSN built-in magnetic contact for release monitoring of doors and windows
- ▶ Head-on flush mounting
- ▶ Installation in ferromagnetic materials is permissible by using the EG1 flush mounting housing
- ▶ For connecting to LSN security systems

The LSN built-in magnetic contact is used for release monitoring of doors and windows.  
Head-on flush mounting.

## Certifications and approvals

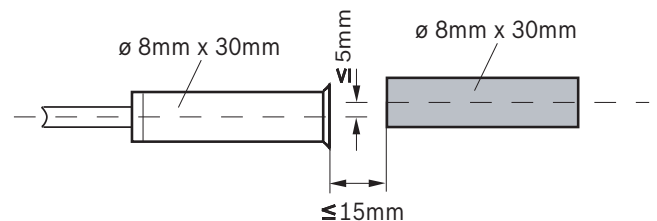
Region	Certification	
Germany	VdS	G111502 ISP-MCB2-FP110
Europe	CE	ISP-MCB2-FP110, ISP-MCB3-FP110, ISP-MCS2-FP110, ISP-MCS3-FP110
	EN5013 1	ISP-MCB2-FP110

## Installation/configuration notes

### Installation information

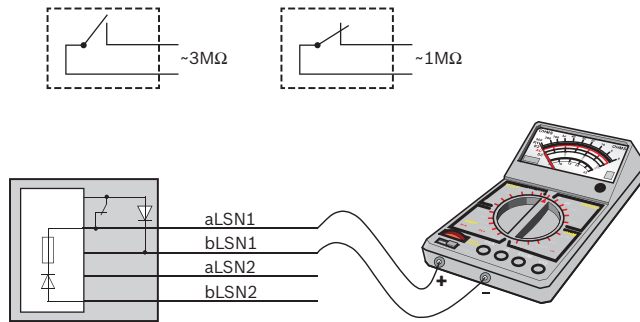
- The magnetic contact and magnet are installed head on in window or door frames and window or door jambs.
- The magnet should be fixed in a bore.
- Installation in ferromagnetic materials (metal flush mounting) is only permissible with the optional EG1 flush mounting housing.

### Installation distance



### Checking the switch function of the contact

- a) Use a high-ohm multimeter or continuity checker (for diode paths) to check the function of the LSN contact:
- contact open: approximately 3 megaohm
  - contact closed: approximately 1 megaohm
- The resistance values are approximate. A large change in resistance is significant.



### Connecting LSN contacts

- Each LSN contact is a physical LSN element (1 out of 127 possible per loop).
- Include the length of LSN contact connection cables when planning the total line length of the LSN loop, as the LSN technology is integrated in these contacts.
- Position passive elements for connecting the connection cables to the installation cable as close as possible to the LSN contacts, as a 1m connection cable with 2m LSN cable length is included in the calculation of the LSN cable length (LSN is fed into the contacts and back out again).
- Connector boxes (optional) are classified as installation material.

### Parts included

Qty.	Components
1	4 m connection cable
1	Magnet
1	Installation note

### Technical specifications

#### Electrical

Minimum operating voltage in VDC	15
Maximum operating voltage in VDC	33
Maximum current consumption in mA	0.25
Reed contact	NO
Switch tolerance	$\geq 10^7$

#### Mechanical

Dimension in cm (H x W x D)	1.2 x 1.18 x 4.28
Dimension in cm (Ø x D)	0.8 x 3.0
Material	AlNiCo 500
Housing material	ABS

Color	white
Connection cable	LiY(St)Y 4 x 0,22 mm <sup>2</sup> with shield, exterior Ø 3,2 mm, length 4 m

### Environmental

Minimum operating temperature in °C	-25
Maximum operating temperature in °C	70
Protection class	IP 68
Environmental class	III

### Ordering information

#### LSN Built-In Magnetic Contact

For release monitoring of doors and windows, head-on mounting

Order number **ISP-MCB2-FP110**

#### Accessories

##### EG1 flush mounting housing

For flush mounting the magnetic contact in ferromagnetic materials, head-on installation

Order number **4998138931**

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