

English

**intelbras**

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User manual

**Built-in XAS**



## **Built-in XAS**

Congratulations, you have just purchased a product with Intelbras quality and safety.

The built-in XAS magnetic sensors are compact and discreet, and installation is recommended only indoor. This product is ideal for installation on doors, windows, etc., both of wood and lighter metal alloys. Read Read the product introductory information carefully for the correct use of the sensor.

## Care and security

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- » Install the sensor in a stable location, that is, that there will be no vibrations;
- » Respect the distance from the GAP - **always use the smallest GAP possible**;
- » To clean the sensor, use a damp cloth, never use chemicals;
- » If you are going to use the sensor as a switch to trigger a load, respect the specified maximum voltage and current.
- » LGPD - General Law for the Protection of Personal Data: this product does not process any personal data.

<sup>1</sup>GAP is the distance between the reed switch and the magnet.

# Summary

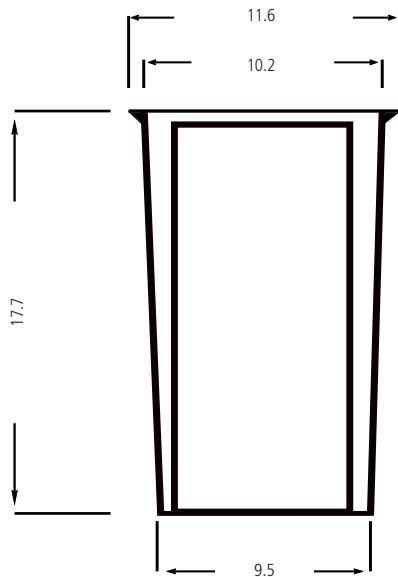
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# 1. Technical specifications

Maximum voltage at the alarm output	$\pm 100$ V
Maximum current	500 mA
Operating temperature	-10 °C to 50 °C
Detection method	Magnetic field
Alarm output	NC
Protection	Anti-UV
Environment	Indoor
Maximum GAP	20 mm $\pm$ 20%
Security GAP	$\leq$ 15 mm $\pm$ 10%
Cable	Flexible
Dimensions (B $\times$ W $\times$ D)	17.7 $\times$ 11.6 $\times$ 9.5 mm

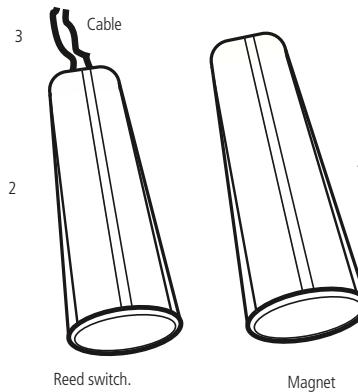
## 1.1. Dimensions

(All measurements have a tolerance of  $\pm 2$  mm.)



## 2. Product

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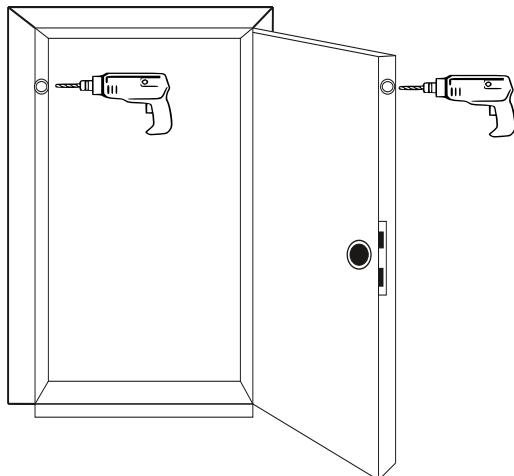


1. Magnet
2. Reed switch sensor;
3. Connection cable

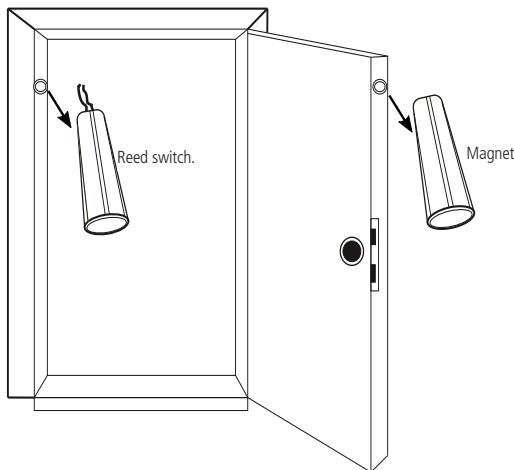
## 3. Installation

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1. With the aid of a 9.5 mm (3/8 inch) drill, drill the hole where the sensor will be installed, check the diameter of the sensor so that the hole is not too wide, facilitating the output of the sensor in case of vibration;

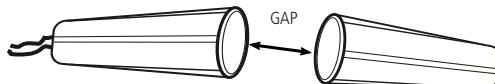


2. Attach the magnet to the moving part and the reed switch to the attached part of the structure.



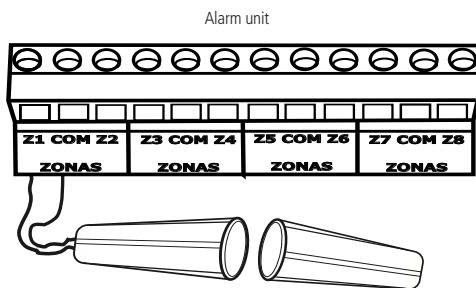
3. Check that the distance from the GAP<sup>1</sup> is within the specified, to avoid unwanted triggering in case of any vibration in the structure where the sensor is installed.

Maximum gap: 20 mm ± 20%  
Security gap: ≤ 15 mm ± 10%



<sup>1</sup>Always use the smallest GAP possible

4. Connect the cable to the zone input of the alarm panel, as shown below:



5. After installation, check if, by moving the magnet away from the reed switch, the alarm panel goes off, indicating that there was a tampering. If necessary, adjust the position of the sensor.

## Warranty term

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It is established that this warranty is granted upon the following conditions:

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Client's name:

Client's signature:

Invoice number:

Date of purchase:

Model: Serial number:

Retailer:

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1. All the parts, pieces and components of the product are guaranteed against possible manufacturing defects, which may arise, for the term of 1 (one) year - this being 90 (ninety) days of legal warranty and 9 (nine) months' contractual warranty –, counting from the date of purchase of the product by the Consumer, as appears in the product purchase bill of sale, which is an integral part of this Term throughout the domestic territory. This contractual warranty includes the free exchange of parts, pieces and components which have a manufacturing defect, including the expenses with labor used in this repair. If there is no manufacturing defect, but defect(s) arising from misuse, the Consumer shall bear these expenses.
2. The installation of the product shall be executed in accordance with the Product Manual and/or Installation Guide. If your product requires the installation and configuration by a qualified technician, seek a suitable specialized professional, the costs of these services not being included in the product amount.
3. Having perceived the defect, the Consumer shall immediately contact the nearest Authorized Service which appears in the report offered by the manufacturer – they are the only ones authorized to examine and remedy the defect during the warranty term foreseen herein. If this is not respected, this warranty shall lose its validity, as it shall be characterized as product infringement.
4. If the Consumer requests home service, it shall contact the nearest Authorized Service to inquire about the technical visit rate. If it is necessary to remove the product, the ensuing expenses, such as those of transportation and insurance of the taking and return of the product, shall be the Consumer's responsibility.
5. The warranty shall lose its validity totally in the occurrence of any of the following cases: a) if the defect is not one of manufacture, but is caused by the Consumer or by third parties foreign to the manufacturer; b) if the damage to the product arises from accidents, disasters, agents of nature (lightning, foods, landslides, etc.), humidity, voltage in the electrical network (excess voltage caused by accidents or excessive fluctuations in the network), installation/use in disagreement with the user's manual or arising from natural wear of the parts, pieces and components; c) if the product has undergone effects of a chemical, electromagnetic, electrical or animal (insects, etc.) nature; d) if the serial number of the product has been falsified or erased; e) if the appliance has been infringed.
6. This warranty does not cover loss of data; therefore, it is advisable that if it is the case of the product, the Consumer makes a backup regularly of the data which appears in the product.
7. Intelbras is not responsible for the installation of this product, or for possible attempts at fraud and/or sabotage in its products. Maintain the updates of the software and applications used up-to-date, if it is the case, as well as the network protection required for defense against hackers. The equipment is guaranteed against defects in its usual conditions of use, it being important to bear in mind that, as it is electronic equipment, it is not free of fraud and scams which may interfere with its correct functioning.
8. Properly dispose of your product after its useful life - deliver it to collection points for electrical and electronic products, at an authorized Intelbras technical assistance center or consult our website [www.intelbras.com.br](http://www.intelbras.com.br) and [suporte@intelbras.com.br](mailto:suporte@intelbras.com.br) or (48) 2106-0006 or 0800 7042767 for more information.
9. LGPD - General Law for the Protection of Personal Data: this product does not process any personal data.

These being the conditions of this complementary Warranty Term, Intelbras S/A reserves the right to alter the general, technical and esthetic features of its products without prior notice.

All the images of this manual are illustrative.

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**Customer Support:** ☎ (48) 2106 0006

**Forum:** [forum.intelbras.com.br](http://forum.intelbras.com.br)

**Support via chat:** [chat.apps.intelbras.com.br](http://chat.apps.intelbras.com.br)

**Support via e-mail:** [suporte@intelbras.com.br](mailto:suporte@intelbras.com.br)

**Customer Service / Where to buy? / Who installs it?:** 0800 7042767

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