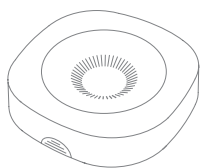


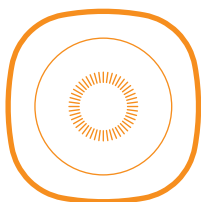
## Humidity Sensor

Product reference HMSZB-110



## INSTALLATION MANUAL

Version 1.3



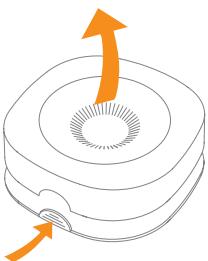
### Product description

Humidity Sensor allows you to protect your building and belongings by monitoring the temperature and humidity levels in any room, and receive immediate alerts if the climate fluctuates to unsafe levels.

By supervising the indoor climate, the wireless Humidity Sensor helps maintain the ideal comfort level and protect interior, electronics, musical instruments, furniture, artwork, and any other humidity-sensitive household item.

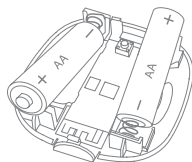
### Getting started

- Open the sensor by pushing the switch and pulling the top of the casing.

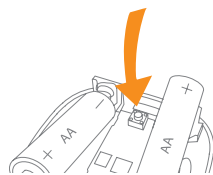


**NOTE:** Do not remove the product label as it contains important information.

- Insert two AA batteries respecting the polarities.



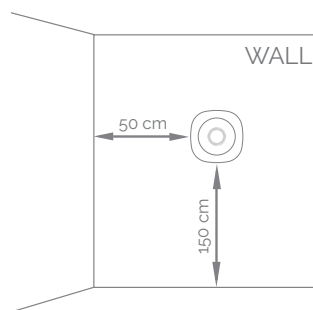
- The Humidity Sensor will start searching (up to 15 minutes) for a ZigBee network to join.
- Make sure that the ZigBee network is open for joining devices and will accept this Humidity Sensor.
- If the scanning has timed out, a short press on the button will restart it.



### Placement

#### PLACE THE SENSOR

- Indoors at a temperature between 0-50°C.
- In a room, where it is necessary to detect humidity.
- On a wall, where it is reachable for the battery testing and maintenance.

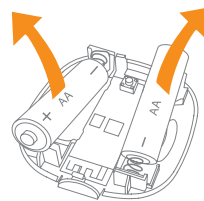


#### DO NOT PLACE THE SENSOR

- On the ceiling
- Behind obstacles, e.g. curtains.
- Under direct sunlight or bright light.
- Close to radiators.
- Close to electromagnetic fields.

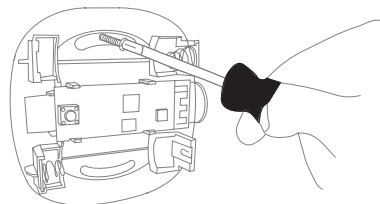
### Installation

1. Open the casing of the Humidity Sensor and remove the batteries.

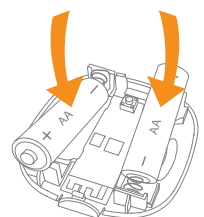


**NOTE:** Be aware that electronics are sensitive to static electricity, so aim to discharge before touching, and avoid touching any components inside the device.

2. Use double-sided tape or screws to attach the sensor on the wall.



3. Insert batteries respecting the polarities.



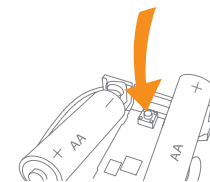
4. Make sure that the Humidity Sensor has joined a network before closing the casing.

### Resetting

Resetting is needed if you want to connect your Humidity Sensor to another gateway or if you need to perform a factory reset to avoid abnormal behavior.

#### STEPS FOR RESETTNG

1. Open the casing of the Humidity Sensor.
2. Press and hold the button until the LED flashes continuously.



3. Release the button.
4. Resetting process is complete when the LED starts to blink.

### Battery replacement

- Open the casing of the Humidity Sensor to replace the batteries.
- Replace the batteries respecting the polarities.
- Close the casing of the sensor.

**CAUTION:** When removing cover for battery change - Electrostatic Discharge (ESD) can harm electronic components inside

### Fault finding & cleaning

- In case of a bad or wireless weak signal, change the location of the Humidity Sensor. Otherwise you can relocate your gateway or strengthen the signal with a smart plug.

### Other information

- Do not paint the sensor.
- Dispose the product and battery properly at the end of life. This is electronic waste which should be recycled.

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Denmark



T00000047

## CE certification

The CE mark affixed to this product confirms its compliance with the European Directives which apply to the product and, in particular, its compliance with the harmonized standards and specifications.

## IN ACCORDANCE WITH THE DIRECTIVES

- Radio & Telecommunications Terminal Equipment Directive 1999/5/EC
- EMC Directive 2004/108/EC
- RoHS Directive 2011/65/EU



## Other certifications

- ZigBee Home Automation certified



## FCC statement

Changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful

interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

## IC statement

### English

This device complies with Industry Canada's Licence-Exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference, and

2. this device must accept any interference, including interference that may cause undesired operation of the device.

### Français

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage;
2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## ISED statement

Innovation, Science and Economic Development Canada ICES-003 Compliance Label: CAN ICES-3 (B)/NMB-3(B).