

zencontrol-zc-z10-Wireless-Microwave-Sensor



# zencontrol zc-z10 Wireless Microwave Sensor Owner's Manual

[Home](#) » [zencontrol](#) » zencontrol zc-z10 Wireless Microwave Sensor Owner's Manual 

## Contents

- [1 zencontrol zc-z10 Wireless Microwave Sensor](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Dimensions](#)
- [5 Installation](#)
- [6 Wiring diagram](#)
- [7 Product range](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)

zencontrol

## zencontrol zc-z10 Wireless Microwave Sensor



## Product Information

### Specifications

- **Supply Voltage:** 12 – 24 Vdc
- **Supply Current:** Not specified
- **Control System:** Wireless microwave sensor
- **Operating Temperature:** Not specified
- **Material:** Not specified
- **Mounting:** Zhaga standard
- **Ingress Protection:** Not specified
- **Output Voltage (0-10):** Not specified
- **Output Current (0-10):** Not specified
- **Classification:** Not specified
- **Detection Range:** Not specified
- **Mounting Height:** Not specified
- **Microwave:** Yes

## Product Usage Instructions

### Mounting Options

The product can be mounted using the following dimensions: 12mm x 36mm. Ensure the mounting is secure and aligned properly.

### Power Supply

Connect the product to a power supply with a voltage rating between 12-24 Vdc. Make sure the polarity is correct to avoid damage.

### Sensor Activation

The wireless microwave sensor activates based on movement within its detection range. Ensure there are no obstructions blocking the sensor's field of view.

### Output Control

The product provides a 0-10 output signal. Adjust your receiving device or system to interpret and respond to this signal accordingly.

### Cleaning and Maintenance

Regularly clean the sensor to prevent dust or debris from affecting its performance. Avoid using harsh chemicals that may damage the product.

### FAQ

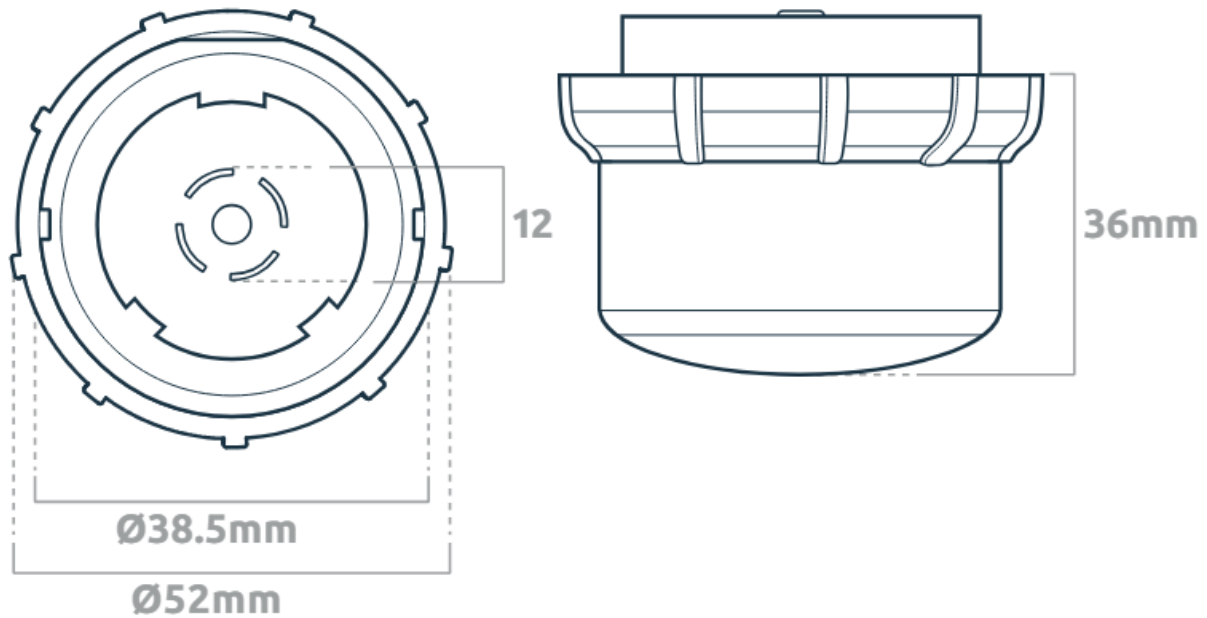
- **Q: What is the detection range of the sensor?**
  - **A:** The detection range is not specified in the manual. It is recommended to test the sensor in your specific setting to determine its effective range.
- **Q: Can the product be used outdoors?**

- **A:** The Ingress Protection rating for outdoor use is not provided. It is advisable to consult with the manufacturer or supplier before using the product outdoors.

## Dimensions

**Mounting options: Zhaga male plug**

**Dimensions:** W Ø52 / H 360 mm

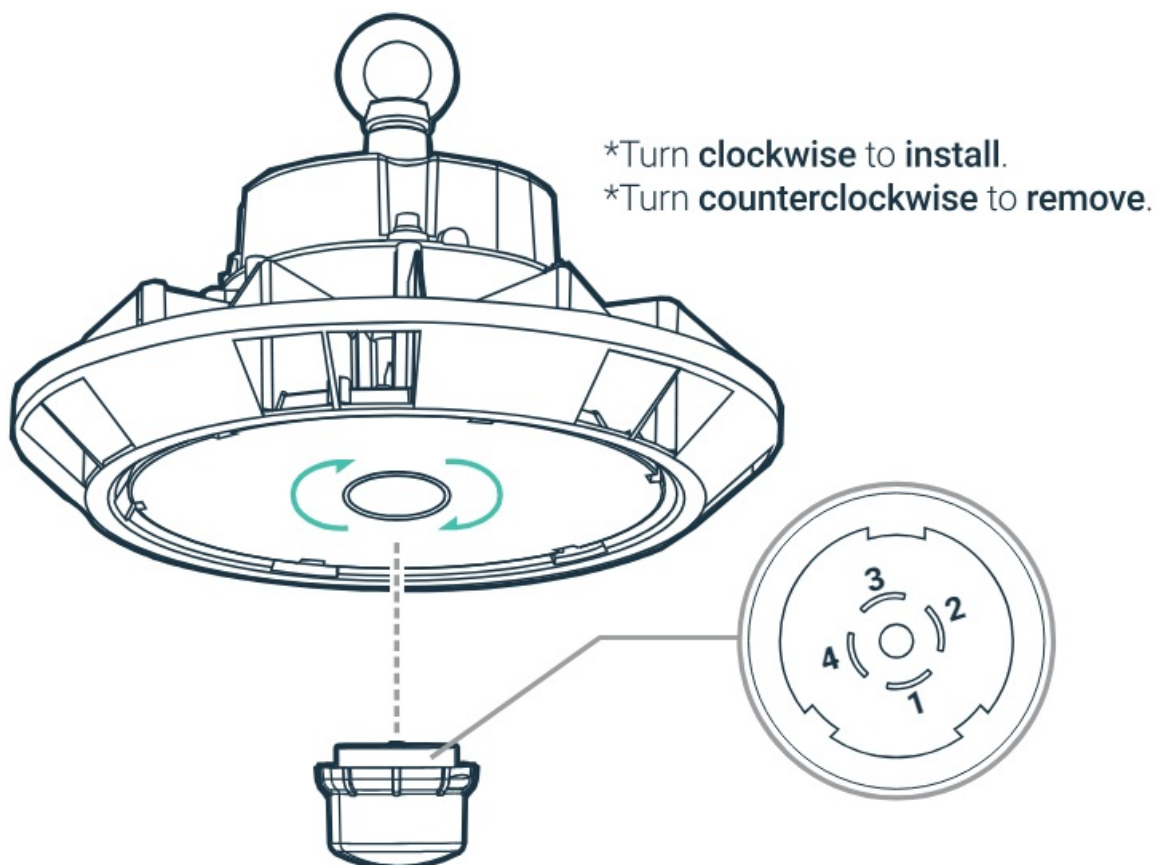


## Installation

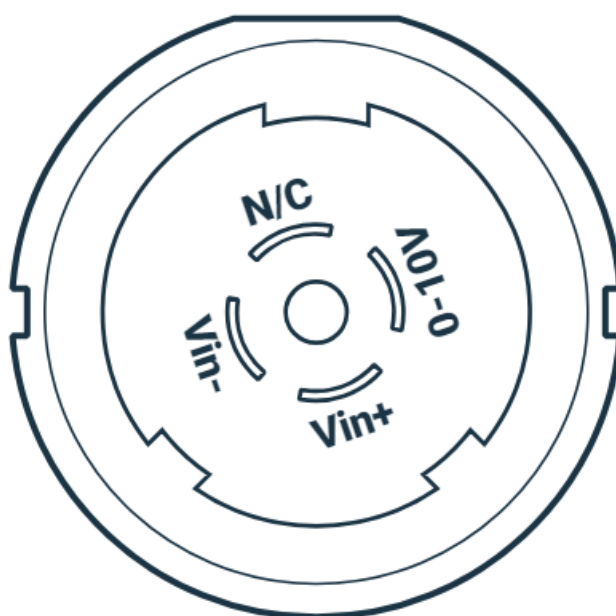
Remove the product from the box and inspect it for any damage. If you believe the product to be damaged or otherwise unsound, do not install the product. Please pack it back into its box and return it to the place of purchase for replacement.

**If the product is satisfactory, proceed with the installation:**

1. Ensure safety warnings are adhered to.
2. Install module according to the diagram below.
  - **Notice:** Do not remove the sticker from the outside of the product.



### Wiring diagram



### Terminal configuration table

- **N/C** : No connection
- **0-10V**: 0-10V / 1-10V control signal
- **Vin+**: Device positive power supply
- **Vin-** : Voltage negative power supply

### Product range

- **Order code:** Description
- **zc-z10-mw:** Wireless microwave sensor, zhaga 0-10 output
- **zc-z10:** Wireless zhaga 0-10 output

## Specifications

- **Supply voltage:** 12 – 24 Vdc
- **Supply current:** <50mA
- **Control system:** IEC62386-104 over Thread
- **Operating temperature:** 0 to 40°C
- **Material:** PC
- **Mounting:** Zhaga port (female)
- **Ingress protection:** IP66
- **Output voltage (0-10):** 0-10Vdc
- **Output current (0-10):** <2mA max
- **Classification:** II
- **Detection range:** 8 m (mounted at 2.7m)
- **Mounting height:** 2 – 8 m
- **Microwave;** Microwave 5.8 GHz, 0.2 mW

## Safety information

- Before commencing installation turn off and isolate the electrical supply.
- There are no user-serviceable parts, attempting to service any part of the product will void the warranty
- As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes. Refer to applicable standards for the relevant rules.
- When the installation is complete, leave this manual with the building's owner for future reference.

## Notice

Download the control Android app to configure your device

## Standalone



zencontrol  
Express

## Full control



## zen control Commissioning

Information is subject to change without notice, E80E  
Last updated 10 / 05 / 24  
V 1.3

### Documents / Resources

	<p><a href="#">zencontrol zc-z10 Wireless Microwave Sensor</a> [pdf] Owner's Manual zc-z10-mw, zc-z10, zc-z10 Wireless Microwave Sensor, zc-z10, Wireless Microwave Sensor, Microwave Sensor, Sensor</p>
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### References

- [User Manual](#)

#### Manuals+, Privacy Policy

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