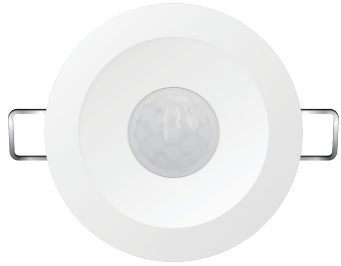


Multi functional mobile sensor

User Manual

KTE2MLS-T2



1

Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

Kanobus Multi functional Sensor KTE2MLS-T2 has functions of human body sensing, illumination detection, and constant illumination control. It is a KNX automatic control product based on infrared technology and adopts indoor ceiling embedded installation method (concealed installation). Adjustable trigger delay time, brightness threshold adjustment, and constant brightness value, suitable for foyer, corridor, elevator hall, bathroom, and changing room, etc.

The daytime/nighttime function can be achieved by setting a brightness threshold, and the constant illumination function can be turned on/off based on human perception to achieve constant brightness in the control area.

The KTE2MLS-T2 sensor has a "master/slave mode function", which enables multiple sensors to simultaneously control the same device. The master sensor can issue control commands to the controlled circuit, and the slave sensor can send control commands to the master sensor to determine whether human movement has been detected, avoiding the situation where multiple sensors simultaneously send control commands to the controlled device, thereby causing control chaos.

2

Product Features

- Powered by KNX bus
- Compact in size, with a diameter of 50mm
- After installation, the visible thickness is only 6mm
- Delay time and brightness threshold can be set
- Can enable/disable human body sensing function
- Can enable/disable constant illumination function
- Equipped with illumination detection function
- Equipped with master-slave control function
- Equipped with constant illumination control function
- The constant illumination control function can be activated through human body induction
- Human body sensing can trigger different types of KNX data types
- The constant illumination function can trigger different types of KNX data types
- The maximum detection distance can reach 7 meters
- Use ETS3/4/5 for programming and debugging

Installation instructions

1. Drill holes at the location where the ceiling needs to be installed, with a diameter size of 43mm~47mm;
2. After connecting the KNX bus terminals to the sensor, insert the sensor into the hole and use a spring clip to secure it;
3. If the sensor needs to be repaired or replaced, please operate with caution to avoid being pinched by the spring clip.

3

Programming instructions

1. Select the corresponding product database and import it into ETS3/4/5;
2. Add the device to the project created by ETS3/4/5;
3. Press the device programming button and download the physical address through ETS3/4/5. After the download is completed, the red LED indicator light will turn off
4. Open the device database, associate its parameter settings with corresponding group objects, and then download the application;
5. After replacing the physical address of the device, repeat step 3;
6. Modify parameter settings or re associate: After grouping objects, repeat step 4 to achieve new functionality.

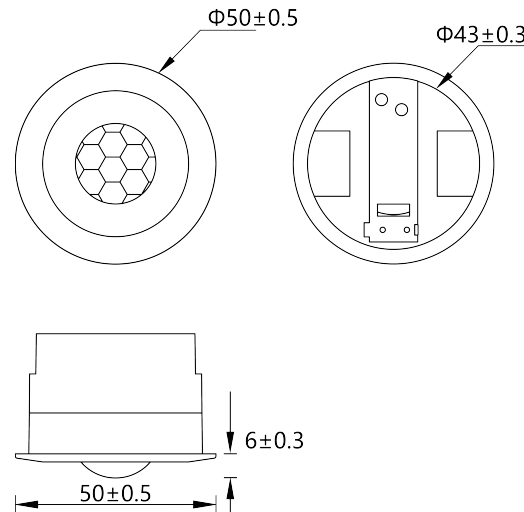
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Product parameters

Parameters	Types	KTE2MLS-T2
Power		
Power Supply		KNX Power
Transmission Media		KNX TP
Power Consumption		≤10 mA
Product Info		
Dimensions		50mm(φ)×36mm(H)
Opening size		φ43mm~φ47mm
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C ~70°C
Programming mode		S-mode

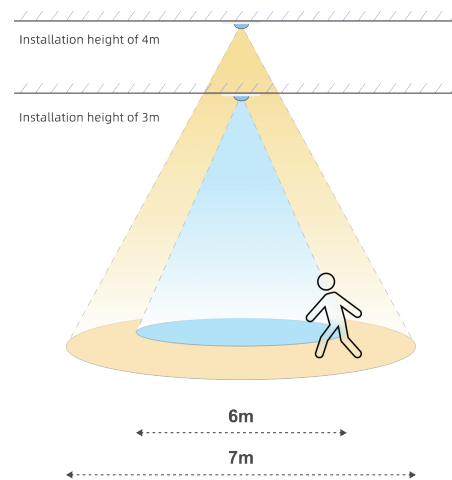
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Product dimensions



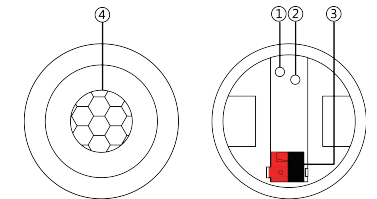
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Sensing range



7

Operating instructions



- ① KNX programming button indicator light: After pressing the programming button, the indicator light will display in red. After downloading the physical address, the indicator light will automatically turn off, and it can also be turned on/off through ETS software.
- ② Programming button: Press to write the physical address of the device.
- ③ KNX bus terminal: used to connect the KNX system.
- ④ Lens: After pressing the programming button, the internal indicator light of the lens will turn red. After downloading the physical address, the lens indicator light will turn off.

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