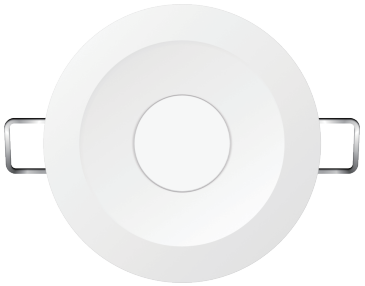
Carbon monoxide sensor
User Manual

KTEAQS-CO



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

KTEAQS-CO can detect the value of carbon monoxide in the current environment, and the installation method is ceiling mounted.
The carbon monoxide sensor responds quickly, with a response time of ≤ 30s and high measurement accuracy.

Product Features

- Using KNX power supply and communication
- Detectable carbon monoxide
- Adopting ceiling embedded installation method
- After professional instrument calibration
- Measurement range: 0-1000ppm
- Compact in size, with a diameter of 50mm
- After installation, the visible thickness is only 6mm

Programming instructions

1. Select the corresponding product database and import it into ETS;
2. Add the device to the project created by ETS;
3. Press the device programming button and download its physical address through ETS. 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. After modifying parameter settings or re associating "group objects", repeat "Step 4" to achieve the new function.

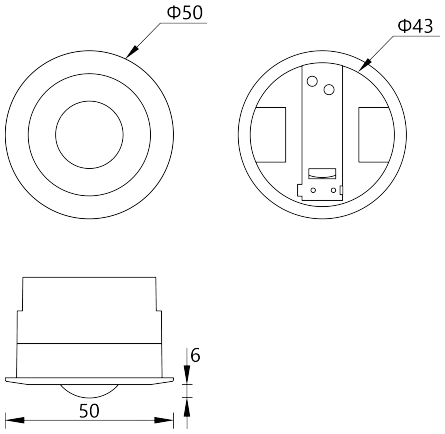
Installation instructions

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.

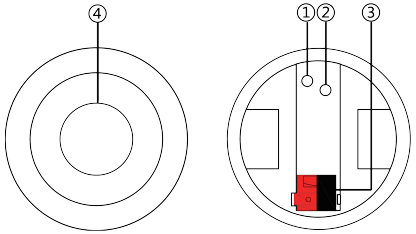
Product parameters

Types / Parameters	KTEAQS-CO
Power	
Power Supply	KNX Power，21V~30V DC
Transmission Media	KNX TP
Power Consumption	≤10 mA
Product Info	
Dimensions	50mm(ϕ）×36mm(H）
Installation method	Ceiling embedded snap-in installation
Opening size	ϕ43mm~ϕ47mm
Technical parameter	
Preheating time	≤ 3 minutes
Carbon monoxide	0~1000ppm
Detection accuracy	±1%
Working temperature	-20~60℃
Working humidity	15% -90% (without condensation)

Product dimensions



Operating instructions



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: Maintain air circulation

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