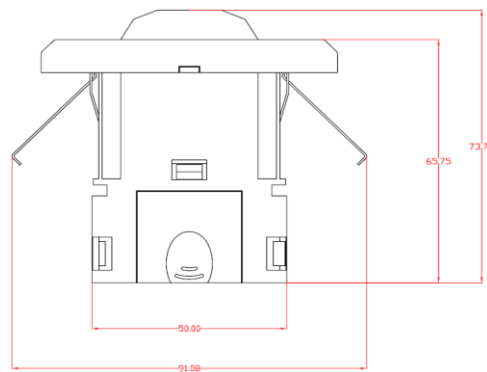# K-BUS

Technical Sheet
For EIB/KNX Sensor BP

CSBP-02/00.1

CE KNX

The worldwide STANDARD for home and building control
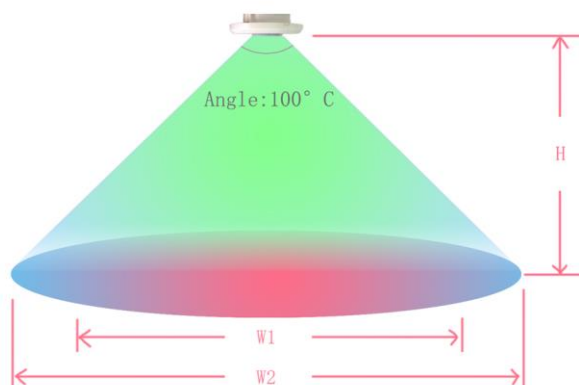
Model	Dimension	Weight
CSBP-02/00.1	91×74×76mm	0.05kg

CHARACTERISTICS

●Illumination measure: 0lux~65535lux

●Movement detector area: (4m~5m) high sensitivity, (5m~7m) low sensitivity

●Illumination output with 3types data, the values can be sent cyclically

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●Illumination with threshold function

●Movement detector sensitivity with level 1~10

●Logic (AND, OR, XOR) function among illumination value, movement detector value and input value, logic output with 3 data types, the output values can be sent cyclically

●Can be set Master-Slave interworking, the master output with 3 data types

●Illumination disabled, Movement detector disabled and logic disabled function

INDUCTION SCHEMATIC DIAGRAM

H: Range 2.5mm~3m, recommended 2.7m

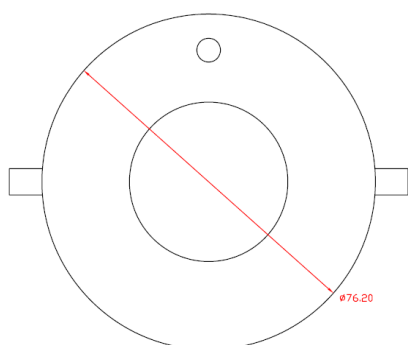W1: Area 4m~5m, High sensitivity

W2: Area 5m~7m, max. Reaction area

ATTENTION OF INSTALLING

1. Keep it far away friger, air conditioning, and stovepipe, where temperature changes violently.

2. In a certain temperature, speed of wind affects a little.

3. If ambient temperature approaches body temperature, the sensor will lose efficacy.

4. Between the sensor and detected area must not have stumbling block.

5. Sensor can not be directly on the windows and doors, and where there is direct sunlight. Air flow and dramatic changes in light will case sensor generates fault alarm.

PARAMETERS

Power supply	—Operation voltage	21-30V DC via the EIB bus
	—Current consumption	Max. 12mA
	—Power consumption	Max. 360mW
Connection	—EIB / KNX	Bus connecting terminal
Operation and	—LED(red) and	Assigning the physical address
	—LED(green) flashing	Indicate application running ok
IP Grade	—IP 20, EN 60529	
Temperature	—Operation	–5°C ... +45°C
	—Storage	–25 °C ...+55°C
	—Transport	–25 °C ...+70°C
Environment	—humidity	<93%,no condensation
Mounting	—surface mounted	
CE norm	—In accordance with the EMC guideline and the low voltage	
	guideline, EN50 090-2-2	
Certification	—EIB/KNX	

DIMENSIONS

IMPORTANT INFORMATION

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

●Protect the device against moisture, dirt and damage during transport, storage and operation!

●Do not operate the device outside the specified technical data (e.g. temperature range)!

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.