

Technical Sheet
For EIB/KNX Motion and Brightness Sensor-8M

CSBP-02/00.2

The worldwide STANDARD for home and building control

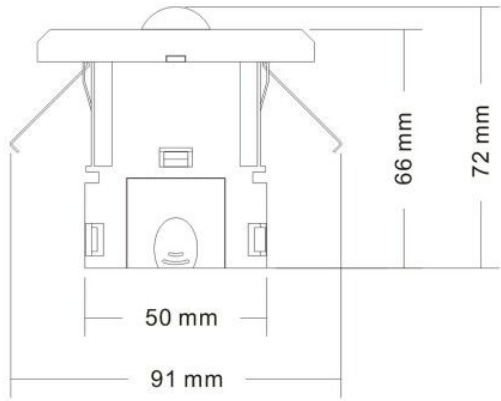
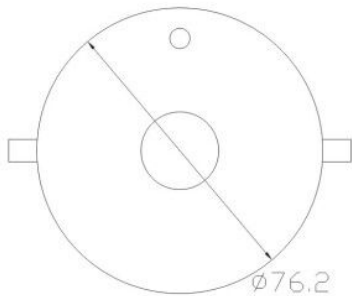
CHARACTERISTICS

- Illumination measure: 0lux~65535lux
- Movement detector area: mounting height * 2
- Illumination output with 3types data, the values can be sent cyclically
- Movement detector output with 3types data, the values can be sent cyclically
- Illumination with threshold function
- 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

PARAMETERS

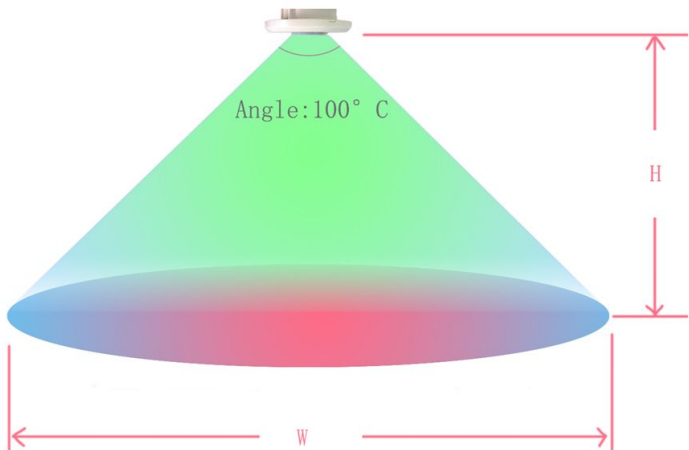
Power supply	—Operation voltage	21-30V DC via the EIB bus
	—Current consumption	Max. 12mA
	—Power consumption	Max. 360mW
Connection	—EIB / KNX	Bus connecting terminal
Operation and	—LED(red) and	Assigning the physical address
	—LED(green) flashing	Indicate application running ok
IP Grade	—IP 20, EN 60529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

DIMENSIONS



Model	Dimension	Weight
CSBP-02/00.2	91×74×76mm	0.05kg

INSTALLATION DIAGRAM



H: Range 2.5mm~4m, recommended 3m
W:Reaction area, maximum is H*2

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.

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.

EIB/KNX 移动照度传感器-8M 技术规格书

适用型号：
CSBP-02/00.2

国际标准的家庭和楼宇控制系统

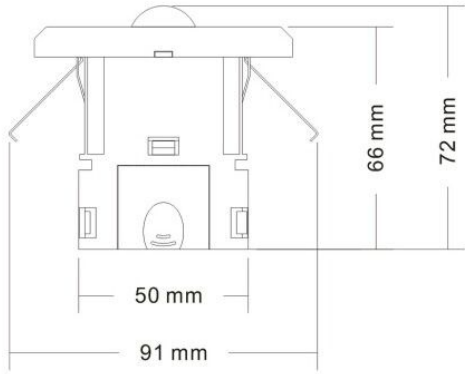
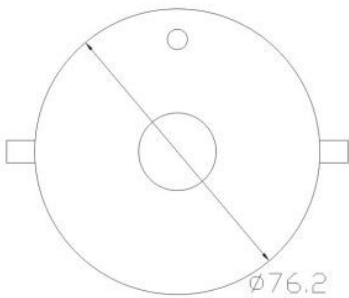
产品功能

- 照度测量范围：0lux~65535lux
- 移动测量范围：安装高度的 2 倍
- 带三种输出类型数据的照度感应功能，其值可循环发送
- 带三种输出类型数据的移动监测功能，其值可循环发送
- 阈值功能
- 以照度、移动、输入等为条件，具有“与”，“或”，“异或”等逻辑运算的逻辑处理功能，带三种类型输出数据，值可循环发送
- 带有主从传感器控制的组网功能，主机有三种类型输出数据
- 禁止移动，照度和逻辑功能

技术参数

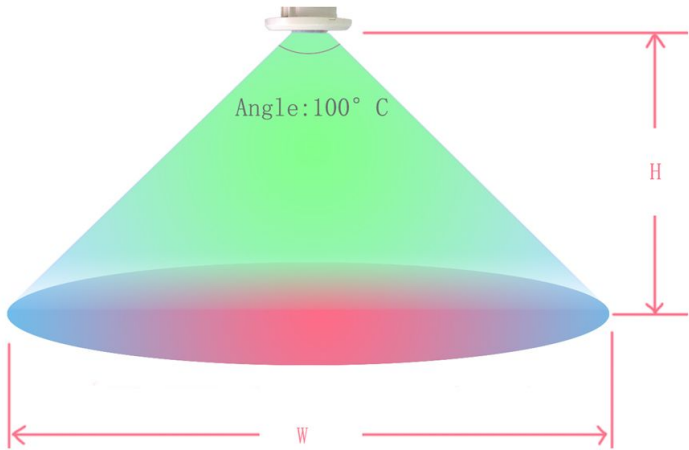
电 源	—工作电压	21-30V DC，由总线提供
	—工作电流	<12mA
	—待机功耗	<360mW
连 接	—EIB / KNX	总线连接端子(直径 0.8mm)
	—红色 LED 和按键	分配物理地址
	—绿色 LED 闪烁	指示设备应用层工作正常
温度范围	—运行	-5 °C ... + 45 °C
	—存储	-25 °C ... + 55 °C
	—运输	- 25 °C ... + 70 °C
环境条件	—湿度	<93%,结露除外
安 装	—吸顶式安装方式	

尺寸规格



型号	尺寸	重量
CSBP-02/00.2	91×74×76mm	0.05kg

安装感应示意图



说明

H: 范围大小 2.5m~4m，推荐值：3m
W: 感应范围，最大感应范围为安装高度的 2 倍

安装注意事项

1. 远离空调，冰箱，火炉等空气温度变化敏感的地方；
2. 在温度一定的情况下，风速对传感器的影响不是很大；
3. 当环境温度接近人体温度的时候，传感器反应不是很灵敏，甚至会失灵；
4. 传感器和被探测的人体之间不得间隔家具、大型盆景、玻璃、窗帘等其他物体；
5. 传感器不能直对门窗及有阳光直射的地方(照度和移动)，否则窗外的热气流扰动和人员走动，会使移动传感器误报，光线的剧烈变化会使照度传感器误报。

重要提示

安装和调试设备只能由合格的熟练电工来操作。在计划与实施电气安装的过程中相关的标准、指令、规则和指示都要严格执行。

- 需要避免器件在运输、储存、使用的过程中受潮、脏污以及受损。
- 不要使器件运行在指定的技术指标之外（例如温度范围）。

当设备脏污时，只可以使用干燥的布来清洁。如果这样不足以清洁干净,可以使用湿布蘸少许肥皂溶液轻轻擦拭。绝不能使用碱剂或者腐蚀性溶剂。