

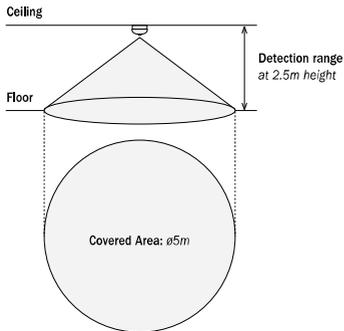
## General description

SR511000 is a surface motion-brightness detector that has a passive infrared sensor which detects any movement within its detection range. It has a high level of immunity from false alarms, electromagnetic fields and temperature variations. It allows a wide and easy parameterization, being suitable for lighting functions, as well as people detection and intruder control. It also includes an additional channel that can work in dependence of daylight or permanently depending on the settings.

These type of detectors are indicated to be placed inside homes, buildings, etc. Avoid installation in places exposed to direct sunlight and drafts. Also, avoid placing the detector behind large objects because it will reduce the detection range.

## Characteristics

- High immunity infrared passive sensor
- 2 detection channels
- Secondary brightness dependent channel
- Surface installation
- Brightness level learning function
- Detection area at 2.5 m high, a  $\varnothing$  5m



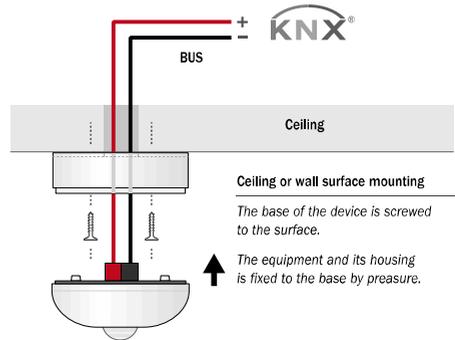
## Technical information

<b>Power supply</b>	29V <sub>DC</sub> from KNX BUS
<b>Current Consumption</b>	5* mA from KNX BUS
<b>Connections</b>	BUS connection terminal KNX
<b>Detection range</b>	$\varnothing$ 5m at 2.5m height

<b>Mounting / Size</b>	Screwed on ceiling or indoor wall $\varnothing$ Seen: 44mm / Length: 30mm.
<b>Environment temperature range</b>	Operation: -10°C to 55°C Storage: -30°C to 60°C Transportation: -30°C to 60°C
<b>Regulation</b>	According to the directives of electromagnetic compatibility and low voltage. EN 50090-2-2 / UNE-EN 61000-6-3:2007 / UNE-EN 61000-6-1:2007 / UNE-EN 61010-1

\*Equivalent to 1 KNX Bus device (1 KNX Bus device = 5 mA)

## Installation



## Observations

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) and outputs lines ducting to ensure there is enough insulation and avoid interferences.

Do not connect the main voltages (230V) or any other external voltages to any point of the KNX bus or inputs.

## QR Code

