

Sensor

SR530000 v1.0

General description

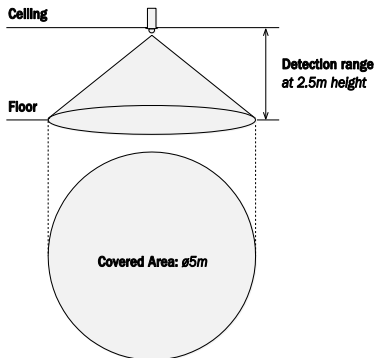
It is a constant light regulation sensor which is able to control lighting depending on two motion channels or independent of them. In combination with a dimmer it can maintain a constant brightness in a room.

Characteristics

It is possible to adjust the presence sensor sensitivity in an easy way, selecting between three different levels or personalizing by yourself. It includes parameters to define regulation steps, to establish deviations, or to calibrate it. It is also possible to change between auto and manual mode, defining the behavior when it changes between those two options.

It also includes an additional thermostat to measure temperature where it is installed.

Detection area:



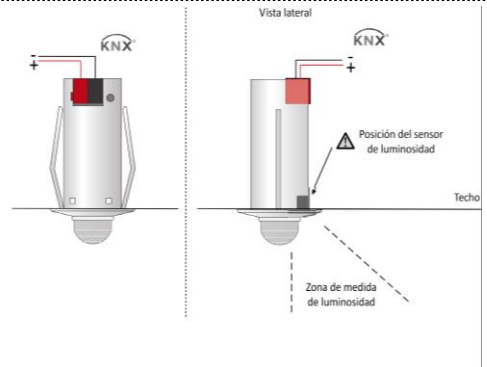
Technical information

Power supply	29V _{DC} from KNX BUS
Current Consumption	4mA from KNX BUS
Connections	BUS connection terminal KNX
Detection range	\varnothing 5m at 2.5m height
Mounting / Size	Embedded in ceiling. \varnothing Embedded: 25mm / \varnothing Seen: 36mm / Length: 50mm
Environment temperature range	Operation: -10°C to 55°C Storage: -30°C to 60°C Transportation: -30°C to 60°C

Regulation

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

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

