

Sensor

ING-SIF v1.0

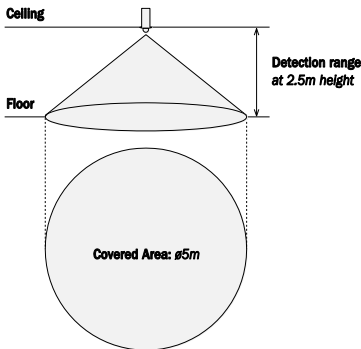
General description

Sif is able to detect motion thanks to its passive infrared sensor (it may be used for intrusion, lighting, etc.). It has a 360° detection angle with a 5 m diameter area at 2,5m height. It can be connected to any device with KNX inputs.

Capacity

These detectors have a passive infrared sensor which detects any body in movement radiating heat. It has a high level of immunity against false alarms, electromagnetic fields and temperature variations.

- 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.



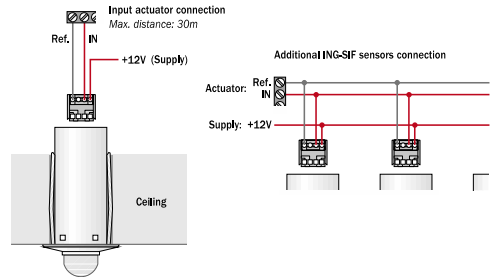
Technical information

Power supply	12 Vdc
Current Consumption	25mA @ 12Vdc
Connections	To any KNX device with inputs
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



Remarks

Necessary additional 12V power supply to power this equipment.

It is necessary to join the ground of the additional power supply together with the one of the KNX power supply.

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.

QR Code

