

## SCN-G360K3.03

**KNX Glass Presence Detector 360° with constant light control and a temperatur sensor, White**



### Product description:

The MDT Glass presence Detector is designed for ceiling installation in an installation box. Movements are detected in a diameter of up to 11 m, presence in a diameter of up to 5 m. The sensors can be assigned to different light channels, an alarm channel and a HVAC channel. The behaviour of the presence detector can be influenced by selecting lock and scene objects in the parameters. Integrated temperature sensor and constant light control for up to 3 light bands.

### Product functions:

- Intelligent constant light control for up to 3 rows of luminaires
- **Comprehensive application**
- **Glass front in white, integrated temperature sensor**
- 3 sensors in combination with a diffusion lens for presence detection
- **Selectable trigger- and presence sensitivity for day, night and Alarm**
- **Range Ø 11 m, Presence Ø 5 m**
- **3 Light channel, sensors can be evaluated singly**
- 1 HVAC- and 1 Alarm-/ message object
- **Short-term presence to reduce the follow up time**
- **Intelligent toggle function for automatic and manual operation**
- Blocking- and forced operation with release time
- Extensive day/night function with a second switching object
- **Integrated white LED nightlight**
- Orientation light function when leaving the room
- **Prevention of failure messages for alarm channels through reduction of sensitivity and adjustable observation window**

## Technical data:

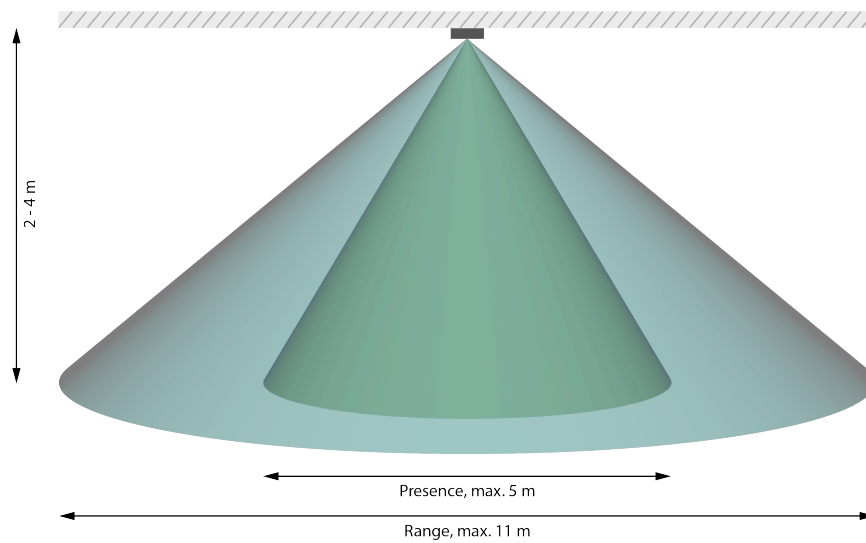
<b>Device</b>	Device type	SCN Presence Detector
	Article Number	SCN-G360K3.03
	EAN / GTIN	4251916111380
	Colour	White
	Dimensions (H x W x D)	92 x 92 x 32 mm
	Weight, gross (incl. packaging)	0.16 kg
	Protection classification	IP20
	Installation type	Flush mounted *1
	Included carrying ring	Carrying ring B
	Recommended installation height	2 ... 4 m
	Weight, net	0.132 kg
	<b>Operation</b>	Number of LEDs
<b>Inputs</b>	Number of sensors	3
	Dynamic range	5 ... 1000 Lux
	Range Ø	11 m
	Presence Ø	5 m
	Horizontal angle of coverage	360°
	Adjustable sensitivity	10 steps
	Measuring range for temperature	0 ... 40 °C
<b>Outputs</b>	Constant light control	Yes, up to 3 light bands
	Orientation light function	Yes
<b>KNX</b>	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 4
<b>Environmental conditions</b>	Ambient operating temperature	0 ... 40 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No
<b>Connections</b>	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

\*1 Ceiling installation in an installation box with the provided carrying ring.

## Wiring diagram:



## Detection range and presence:



**Dimensional drawing:**

