

SCN-P360K3.03

KNX Presence Detector 360° with 3 sensors, constant light control, Pure White matt finish



Product description:

The MDT 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 constant light control for up to 3 lighting bands.

Product functions:

- Intelligent constant light control for up to 3 rows of luminaires
- **Comprehensive application**
- 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:

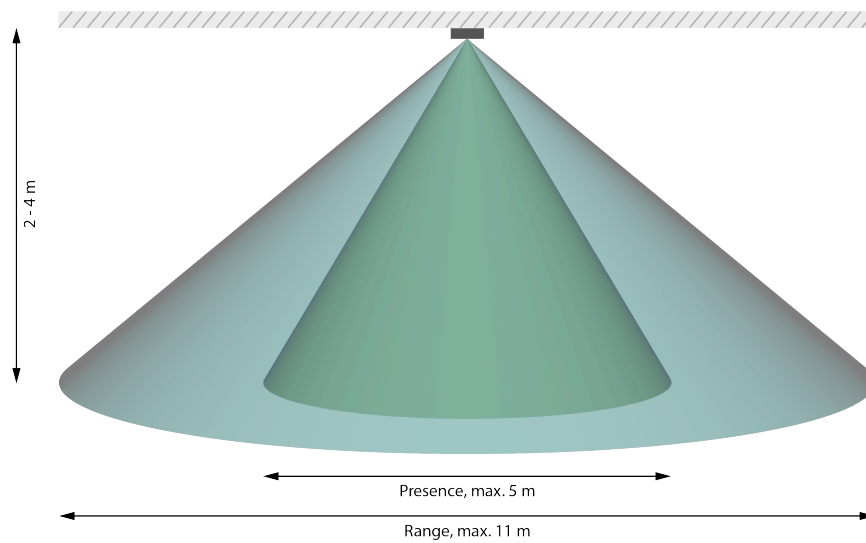
Device	Device type	SCN Presence Detector	
	Article Number	SCN-P360K3.03	
	EAN / GTIN	4251916111458	
	Colour	Pure White, matt finish	
	Dimensions (H x W x D)	75 x 75 x 45 mm	
	Weight, gross (incl. packaging)	0.083 kg	
	Protection classification	IP20	
	Installation type	Flush mounted ^{*1}	
	Included carrying ring	Carrying ring A	
	Recommended installation height	2 ... 4 m	
	Weight, net	0.054 kg	
	Operation	Number of LEDs	1 x red/green (status) 1 x white (night light)
	Inputs	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	
Outputs	Constant light control	Yes, up to 3 light bands	
	Orientation light function	Yes	
KNX	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	
Environmental conditions	Ambient operating temperature	0 ... 40 °C	
	Storage	-20 ... +55 °C	
	Humidity	< 95 %	
	Condensation permissible	No	
Connections	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:

