

SCN-P360E3.03

KNX Presence Detector MR16 360° with 3 sensors



Product description:

The MDT recessed presence detector MR16 is designed for installation in MR16 light fittings for LED sports. Movements are detected up to 11 m in diameter, presence up to 5 m in diameter. 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.

Product functions:

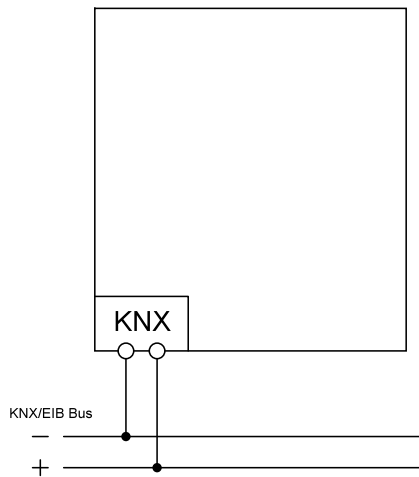
- New comprehensive application
- 3 sensors in combination with a diffusion lens for presence detection
- **Selectable trigger- and presence sensitivity for day, night and Alarm**
- **Range Ø 11 m, Presence Ø 5 m**
- **3 Light channel, sensors can be evaluated singly**
- 1 HVAC- and 1 Alarm-/ message object
- **Short-term presence to reduce the follow up time**
- Integrated temperature sensor
- Input for external Push-button with release 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**
- Also suitable for adjustable MR16 light fittings
- Integrated Bus coupler

Technical data:

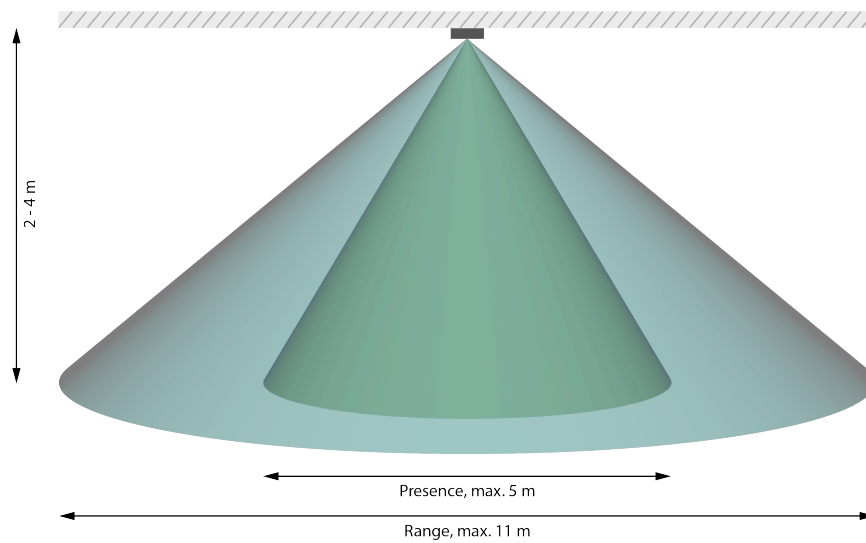
Device	Device type	SCN Presence Detector
	Article Number	SCN-P360E3.03
	EAN / GTIN	4251916111441
	Colour	Pure White, matt finish
	Diameter	50 mm
	Depth	53 mm
	Weight, gross (incl. packaging)	0.057 kg
	Protection classification	IP20
	Installation type	Flush mounted ^{*1}
	Included carrying ring	Carrying ring A
	Recommended installation height	2 ... 4 m
	Weight, net	0.028 kg
	Operation	Number of LEDs
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
	Measuring range for temperature	-10 ... +50 °C
Outputs	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 Installation in MR16 light fittings for LED spots.

Wiring diagram:



Detection range and presence:



Dimensional drawing:

