Presence detector 360° L3 TS, white matt finish [SCN-P360L3.03]

The MDT presence detector is designed for installation in hollow ceilings. With 3 pyro sensors and a high-resolution lens, it detects motion in a 360-degree angle up to a diameter of 11 m. Presence is detected in diameter of up to 5 m.

Light channels

Three independent light channels can be configured. 1 - 3 sensors can be assigned to each channel. The follow-up times for day and night, the trigger and presence sensitivity as well as the lock and unlock behaviour can be set individually per channel.

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HVAC channel

In contrast to the light channels, the separate HVAC channel (heating, ventilation, air conditioning) has adjustable observation windows with which the presence in the room can be monitored. For example, for demand-based ventilation control of a room.

Alarm/message channel

This channel has a separate sensitivity setting and is used to detect motion in the absence. The monitoring can be activated by object.

Fully automatic, half automatic, manual mode

In "fully automatic" mode, the presence detector switches on when motion is detected and switches off again after the end of presence and the set follow-up time. In the "half automatic" operating mode, the light must be switched on manually via an object. Notwithstanding of the operating mode, manual operation is possible at any time via the objects "External push-button short" and "External push-button long".

Integrated white LED night light

The integrated white LED night light can be switched automatically via the "Day/Night" object, at night when movement is detected in a defined light channel, or via an external object.

Separate output objects for day and night

With separate output objects, it is possible to switch or dim different lighting during the day and at night without the use of external logic.

Temperature sensor

The integrated temperature sensor can send the room temperature directly to the MDT heating actuator. Send the value cyclically, send when the temperature changes and the setting of a correction value are possible.

Brightness sensor

With the integrated brightness sensor, different switch-on thresholds can be set for day and night.

Scenes

8 scenes are available to the presence detector. Each scene can be assigned different functions for different light channels. For example, a single scene can be used to lock light channel 1, unlock light channel 2 and set light channel 3 to manual mode.

Logic

Four logics can be activated with the functions AND, OR, XOR. Each logic can be linked with up to two internal and up to four external logic objects. Switching commands, scenes, values or 2-bit forced guidance objects can be sent as output objects.

Updateable via DCA App

If necessary, the presence detector can be updated via the MDT update tool (DCA).
The download is available free of charge at www.mdt.de and www.knx.org.

Long Frame Support

The presence detector supports "Long Frames" (longer telegrams). These contain more user data per telegram, which significantly reduces the programming time.

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