

## Description



- Presence detector (PIR)
- Mixed light measurement
- Square detection area for corridors
- Two outputs light for controlling two lighting groups
- Switching or constant light control
- Choice of fully or semi automatic operation
- Presence output for HVAC control with switch-on delay and switch-off delay
- Room monitoring with selective movement detection
- Integrated bus coupling
- SendoPro 868-A service remote control (optional)
- Clic user remote control (optional)
  - The switching behaviour of the presence detector is controlled by presence and light, or as required in switching or constant light control operation modes
- In the "switching" operation mode, lighting switches on with darkness and presence and off with sufficient light or when nobody is present. In the "constant light control" operation mode the sensor controls the artificial light daylight-dependent on a constant lighting level
- The self-learning switch-off delay time adjusts to occupants' behaviour
- Fully or semi-automatic: In "Fully automatic" mode, the lighting switches on and off automatically according to presence and light In "Semi-automatic" mode, it must be switched on manually and it switches off automatically
  - Manual override: Lighting or dimming can be manually controlled at any time
  - The presence detector has a mixed light measurement and is suitable for controlling the following types of lamp: Fluorescent lamps (FL/PL), halogen and incandescent lamps
- Presence output for HVAC control : Switching behaviour is only controlled by presence
  - The switch-on delay prevents instantaneous switch on. The presence output only switches after the delay is completed
- The monitoring output works with reduced sensitivity and indicates the presence of persons with a high level of accuracy
- The brightness output makes the light information available for visualisation purposes
  - Master/slave parallel switching: Several detectors can be connected with each other to increase the detection area. The master controls lighting and HVAC. All other detectors merely provide presence information as slaves
  - Master/master parallel switching: Several detectors can be connected with each other to control several lighting groups. Every master controls its lighting group according to its own brightness measurements. Presence is detected by all the detectors
- Master or slave operating mode is selected via configuration
- Test operation mode checks the detection area and configuration
- A maximum of 10 detectors can be switched at the same time

## Technical data

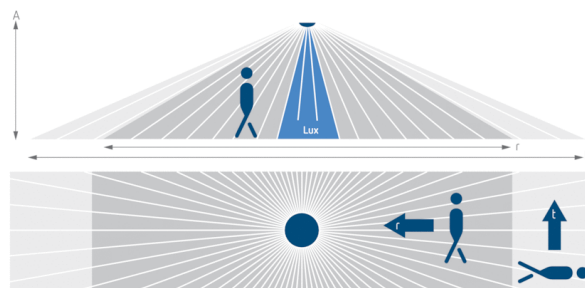
|                                 |  |
|---------------------------------|--|
| Operating voltage KNX           | Bus voltage, ca. 8 mA  |
| Recommended installation height | 2 – 3 m  |
| Setting range brightness        | 10 – 1500 lx   |
| Detection angle                 | 360°   |
| Type of connection              | KNX bus terminal   |
| Installation type               | Ceiling installation   |
| Light switch-off delay          | 30 s-20 min  |
| Lamps                           | Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs |
| Light measurement               | Mixed light measurement  |

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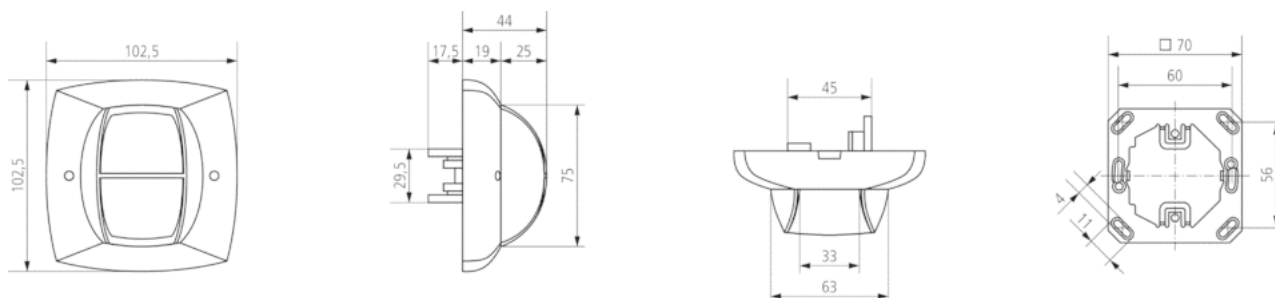
|                           |                  |
|---------------------------|------------------|
| Stand-by time light       | 0 s – 60 min     |
| Presence switch-off delay | 30 s-120 min     |
| Switch-on delay presence  | 0 s – 30 min     |
| Ambient temperature       | +0 °C ... +50 °C |
| Type of protection        | IP 40            |

### Detection range

| Mounting height (A) | Head on to (r)                           | Diagonally (t)                            |
|---------------------|--|---|
| 2 m                 | 56 m <sup>2</sup>   16 m x 3,5 m ± 1,5 m | 56 m <sup>2</sup>   16 m x 3,5 m ± 1,5 m  |
| 2,5 m               | 72 m <sup>2</sup>   18 m x 4 m ± 1,5 m   | 88 m <sup>2</sup>   22 m x 4 m ± 1,5 m    |
| 3 m                 | 90 m <sup>2</sup>   20 m x 4,5 m ± 1,5 m | 135 m <sup>2</sup>   30 m x 4,5 m ± 1,5 m |
| 3,5 m               | 100 m <sup>2</sup>   20 m x 5 m ± 1,5 m  | 150 m <sup>2</sup>   30 m x 5 m ± 1,5 m   |
| 4 m                 | 100 m <sup>2</sup>   20 m x 5 m ± 2 m    | 150 m <sup>2</sup>   30 m x 5 m ± 2 m     |
| 4,5 m               | 100 m <sup>2</sup>   20 m x 5 m ± 2 m    | 150 m <sup>2</sup>   30 m x 5 m ± 2 m     |
| 5 m                 | 100 m <sup>2</sup>   20 m x 5 m ± 2,5 m  | 150 m <sup>2</sup>   30 m x 5 m ± 2,5 m   |
| 6 m                 | 100 m <sup>2</sup>   20 m x 5 m ± 2,5 m  | 150 m <sup>2</sup>   30 m x 5 m ± 2,5 m   |



### Scale drawings



### Accessories

#### Surface frame compact BK

- Article number: 9070637  
Details ▶ [www.theben.de](http://www.theben.de)



#### SendoPro 868-A

- Article number: 9070675  
Details ▶ [www.theben.de](http://www.theben.de)



#### Ceiling installation box 73A

- Article number: 9070917  
Details ▶ [www.theben.de](http://www.theben.de)



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- Article number: 9070515  
Details ▶ [www.theben.de](http://www.theben.de)



QuickSafe

- Article number: 9070531  
Details ▶ [www.theben.de](http://www.theben.de)

