

## PD 360/8 Basic FM KNX

### Item number

EB10431746

### GTIN

4015120431746



### Technical data

#### GENERAL

Warranty	5 years
Device category	Ceiling-mounted presence detector
User interface	ETS-Software
Remote controllable	–
Conformity	CE, RoHS, EAC, SundaHus, WEEE

#### ATTACHMENT

Installation type	Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 90 mm, Ø 68 mm
Type of connection	Push terminal
Connectable wire cross section	0.6 – 0.8 mm <sup>2</sup>

#### HOUSING

Dimensions	Height/Depth 93 mm, Ø 101 mm
Weight	106.76 g
Material	UV-stabilised polycarbonate
Protection type	IP40
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 – 93 %, non-condensing
Colour	white, similar to RAL 9010

#### ELECTRICAL VERSION

Control system	KNX
Protection class	II
Nominal voltage	29 – 31 V DC
Power consumption	0.2 W

### Product description

- **KNX** Ceiling-mounted presence detector with **360° field of detection**
- **Range of up to 8 m** in the diameter at a recommended installation height of 3 m **for high-comfort applications**
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Parameter and function settings via ETS (Engineering Tool Software)

Power consumption	6 mA
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#### SENSORS

Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 3 m
Field of detection	up to 50 m <sup>2</sup>
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

#### CHANNELS (LIGHTING / HVAC)

Number of light channels	1
Push button input HVAC	–
Slave input	✓
Mode	Semi-automatic, Fully automatic
Constant light control	–
KNX input	manual light control, block objects, reset, slave
KNX output	Light channel c1
KNX functions	Master- / slave-toiminto, Manual override
Channel	<b>C1</b> Lighting
Function	Switching
Switch contact	Bus system
Push button input	–
Switch-off delay time	30 s...720 min (adjustable in steps)

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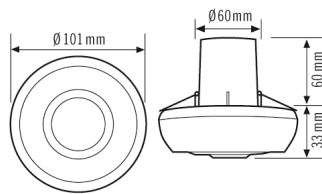
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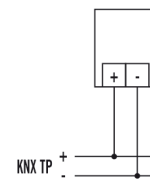
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### Dimension drawing



### Circuit diagram



Standard operation.

### Detailed product description

- **KNX** Ceiling-mounted presence detector with **360° field of detection**
- **Range of up to 8 m** in the diameter at a recommended installation height of 3 m for **high-comfort applications**
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Parameter and function settings via ETS (Engineering Tool Software)
- Communication objects (full listing of communication objects at [www.esylux.com](http://www.esylux.com))
  - Light value output (2 byte)
  - Status report
  - Can be used as "master" or "slave"
  - KNX button control for light channels
  - Fully automatic or semi-automatic
  - Test mode