

PD 360/8 Basic FM KNX

Item number	GTIN
EB10431746	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 ²

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

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 ²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

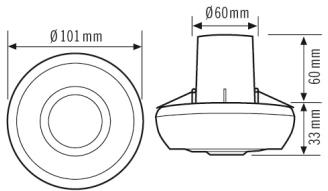
CHANNELS (LIGHTING / HVAC)

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	C1 Lighting
Function	Switching
Switch contact	Bus system
Push button input	—
Switch-off delay time	30 s...720 min (adjustable in steps)

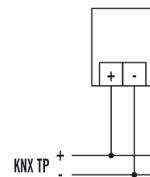
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Dimension drawing



Circuit diagram



Standard operation.

Detailed product description

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- 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)
 - 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