

# DATA SHEET

ESYLUX

## PD 360/8 KNX BASIC

Item number

EB10430442

GTIN

4015120430442



### 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)



### Technical data

#### GENERAL

Device category	Ceiling-mounted presence detector
Included in delivery	Includes lens mask
User interface	ETS-Software
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Product-specific information	Only compatible with ETS version 3.x or newer
Warranty	5 years

#### ATTACHMENT

Installation type	Surface mounting
Installation position	Ceiling
Type of connection	Push terminal
Connectable wire cross section	0.60 – 0.80 mm <sup>2</sup>

#### HOUSING

Dimensions	Height/Depth 33 mm, Ø 101 mm
Weight	34 g
Material	UV-stabilised polycarbonate
Protection type	IP40
Permissible ambient temperature	5 °C...+35 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

#### ELECTRICAL VERSION

Control system	KNX
Protection class	III
Nominal voltage	29 - 31 V DC
Power consumption	0.2 W

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 <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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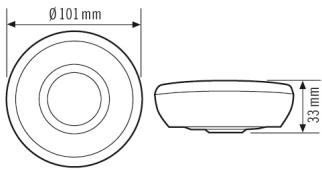
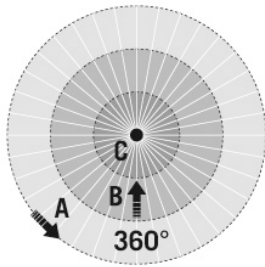
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Factory settings

GENERAL

Accessories

Product designation	Item number	Product description	GTIN
Cover			
BASIC 8 LENS MASK	EB10423093	Spare part Lens mask 8 m	4015120423093
Mounting			
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
BASIC SPACER WH	EB10423130	Spacer for BASIC series, white, compatible with BASIC IP40 variants	4015120423130
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm,	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm,	4015120425615

Dimension drawing	Field of detections	Detection range	
		Diagonally (A)	Ø 8 m
		Frontal (B)	Ø 6 m
		Presence area (C)	Ø 3 m

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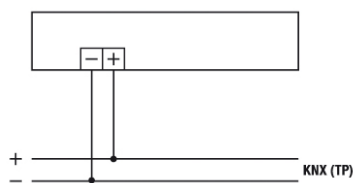
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### Circuit diagram

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Standard operation