DATA SHEET

PD 360/8 KNX BASIC

Item number	GTIN
EB10430442	4015120430442



5 YEARS MANUFACTURER WARRANTY

Ø 8 m | 360° | KNX | IP40 | 1 CH

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
Product information	Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points).
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 mounted (plaster), Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Type of connection	Push terminal
Connectable wire cross section	0.6 - 0.8 mm²

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 m²
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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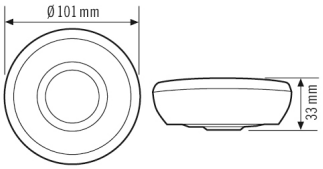
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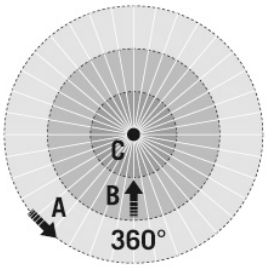
Accessories

Product designation	Item number	Product description	GTIN
Adapter			
BASIC SPACER WH	EB10423130	Spacer for BASIC series, white, compatible with BASIC IP40 variants	4015120423130
Cover			
BASIC 8 LENS MASK	EB10423093	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
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



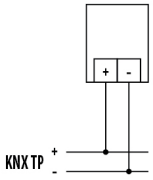
Field of detections



Detection range

Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m
Presence area (C)	Ø 3 m

Circuit diagram



Standard operation.

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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
- Flush-mounted device as standard
- Surface mounting option