

## PD 360i/8 BASIC ELC

**Item number**      **GTIN**  
 EB10431357      4015120431357



### Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Included in delivery	Includes lens mask
Product information	ELC lighting systems combine compatible components via plug-and-play: ELC main lighting, control unit and sensor system. Alternatively: The ELC lights are also suitable for plug-and-play installation outside ELC lighting systems if suitable driver sets (accessories) are used
User interface	IR remote control with "blue mode" technology
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
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	84 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

### Product description

- Presence detector with **360° field of detection** for ceiling mounting
- **Range of up to 8 m** in diameter at a recommended installation height of 3 m (maximum installation height 5 m)
- Automatic light control to a **constant brightness level** depending on presence and natural light (ESYLUX Light Control interface)
- Default factory settings ensure immediate operability

### Offers special product features like:

- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

ELECTRICAL VERSION	
Control system	ELC (ESYLUX Light Control)
Protection class	III
Nominal voltage	9 - 22 V DC
Power consumption	0.2 W
SENSORS	
Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 4 m
Field of detection	up to 50 m <sup>2</sup>
Range adjustment	mechanically with included cut to size lens mask
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	4
Number of HVAC-channels	2
Push button input HVAC	–
Slave input	–
Mode	Semi-automatic, Fully automatic
Constant light control	✓
Channel	<b>C1</b> Lighting
Function	Switching, Regulate
Switch contact	Bus system

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Push button input	–	Switch-off delay time	30 s...30 min (adjustable in steps)
Impulse mode	–	Orientation light	10 - 50 % luminous efficiency

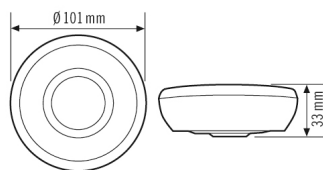
### Factory settings

#### GENERAL

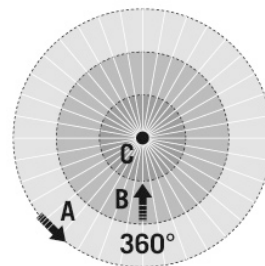
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
BASIC 8 LENS MASK	EB10423093	Spare part Lens mask 8 m	4015120423093
<b>Mounting</b>			
BASIC SPACER WH	EB10423130	Spacer for BASIC series, white	4015120423130
<b>Remote control</b>			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356

### Dimension drawing



### Field of detections



### Detection range

Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m
Presence area (C)	Ø 4 m

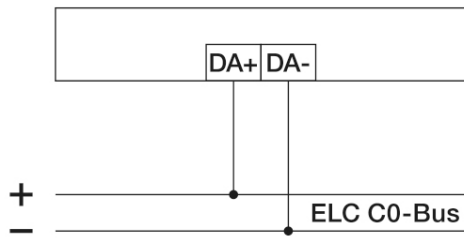
# DATA SHEET

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### Circuit diagram

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*Standard operation*