

## DATA SHEET

### PD-FLAT 360i/8 ROUND BLACK KNX

#### Order description

PD-FLAT 360i/8 RB KNX

#### Item number

EP10451768

#### GTIN

4015120451768



#### Product description

- KNX Design recessed ceiling-mounted presence detector with 360° field of detection
- Range of approx. 8 m in Ø at a recommended installation height of 3 m (maximum mounting height 5 m)
- 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)
- Low-profile design with plastic design covers: round, black - variably interchangeable

#### Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
warranty	5-year
MOUNTING	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth 24 mm, Ø 45 mm
HOUSING	
Dimensions	Height/Depth 6 mm, Ø 94 mm
Weight	110 g
Housing material	UV-stabilised polycarbonate
Protection type	IP 20
Permissible ambient temperature	5 °C...+35 °C
Relative humidity	5 - 93 %, non-condensing
Colour	black, similar to RAL 9004
Terminal	WAGO
ELECTRICAL VERSION	
Protection class	III
Nominal voltage	29 - 31 V
SENSORS	
Power consumption	0,2 W
Power consumption	6 mA
Detection angle	360°
Detection range diagonally	8 m

Detection range head-on	6 m
Presence detection range	4 m
Field of detection	50 m²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	3 - 1000 lx
Number of light channels	2
Number of switching contacts	2
Slave input	Yes, unit can be configured as a master or slave device
Fully automatic	yes
Semi-automatic	yes
constant lighting control	true
Switching delay from "dark to light" [s]	300 s
Switching delay from "light to dark" [s]	30 s

#### CONTROL

Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Output	Presence
Turn-on delay	disabled/2 min - 30 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min

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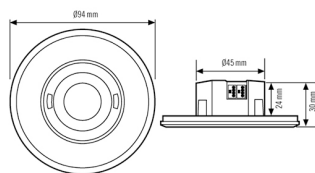
Order description	Item number	GTIN
PD-FLAT 360i/8 RB KNX	EP10451768	4015120451768
Bus voltage	29-31 V = (KNX)	
KNX input	manual light control, block objects, reset, slave	
KNX output	presence, status, light value, HVAC	
Sensitivity configurable via ETS	yes	
Sends a telegram at regular intervals	yes	
Master/slave function	true	

constant lighting control	true
Presence simulation	true
Manual override	yes
Night-light feature	yes
Light channel	c1 + c2 switching/dimming, offset (-50 % to +50 %)

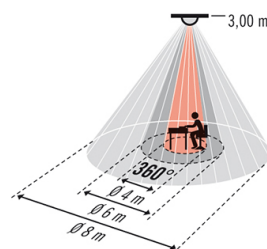
### Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/user	EM10425547	4015120425547
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Recessed ceiling mounting kit for FLAT series	EP10426889	4015120426889
Basket guard 165/70	EM10425615	4015120425615
CA-C Telescope Magnet	EC10430022	4015120430022
Cover FLAT series SQUARE BLACK cover	EP00007286	4015120007286
Cover FLAT series GLASS ROUND BLACK cover	EP00007293	4015120007293
Cover FLAT series GLASS SQUARE BLACK cover	EP00007309	4015120007309
Cover LARGE FLAT series ROUND WHITE	EP10428579	4015120428579
Cover LARGE FLAT series ROUND BLACK	EP10428098	4015120428098

### Scale drawing



### Field of detection



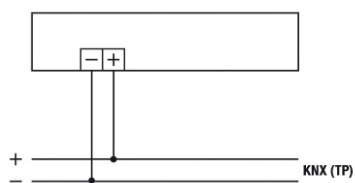
- Operating area approx. Ø 4 m
- Head-on to detector approx. Ø 6 m
- Passage area / diagonally to detector approx. Ø 8 m

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#### Circuit diagram



Standard operation

**Energy Conservation Solutions Pty Ltd**

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