

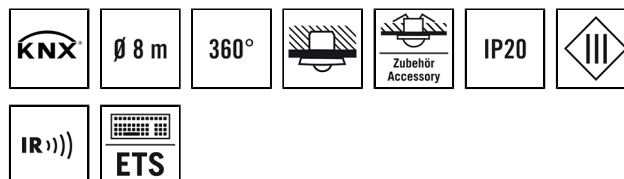
PD-FLAT 360i/8 ROUND BLACK KNX

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

Device category	Ceiling-mounted presence detector
User interface	IR remote control, ETS-Software
Remote controllable	✓
Conformity	CE, RoHS, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 45 mm
Type of connection	Push terminal
Connectable wire cross section	0,60 - 0,80 mm²

HOUSING

Dimensions	Height/Depth 30 mm, Ø 94 mm
Weight	110 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	5 °C...+35 °C
Relative humidity	5 - 93 %, non-condensing
Colour	black, similar to RAL 9004

ELECTRICAL VERSION

Protection class	III
Nominal voltage	29 - 31 V
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 4 m
Field of detection	up to 50 m²
Recommended installation height	2,5 m
Max. mounting height	5 m
Light measurement	mixed light

CONTROL

Number of light channels	2
Number of HLK-channels	1
Push button input lighting	2
Push button input HVAC	✓
Slave input	✓
Mode	Semi-automatic, Fully automatic
Konstantlichtregelung	✓
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value, HVAC
KNX functions	Presence simulation, Manual override, Master/slave-function, Night-light feature, Sensitivity configurable, Sends a telegram at regular intervals
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Push button input channel 1	—
Switch-off delay channel 1	30 s...720 min

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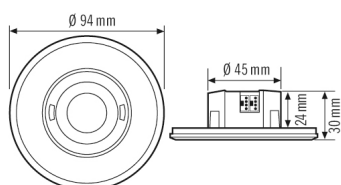
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Output	Presence
Turn-on delay	disabled/2 min - 30 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Function	Switching
Time setting channel 3	10 sec.–1 hour
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	✓
Presence simulation	✓
Manual override	yes
Night-light feature	yes
Light channel	c1 + c2 switching/dimming, offset (-50 % to +50 %)

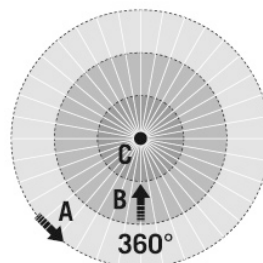
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL PDi/USER	EM10425547	4015120425547
FLAT COVER ROUND WH	EP00007231	4015120007231
FLAT COVER SQUARE BK	EP00007286	4015120007286
FLAT COVER GLASS ROUND BK	EP00007293	4015120007293
FLAT COVER GLASS SQUARE BK	EP00007309	4015120007309
FLAT COVER LARGE ROUND WH	EP10428579	4015120428579
FLAT COVER LARGE ROUND BK	EP10428098	4015120428098
FLAT MOUNTING SET IP20 FM	EP10426889	4015120426889
BASKET GUARD ROUND SMALL	EM10425615	4015120425615
TELESCOPE MAGNET	EC10430022	4015120430022

Scale 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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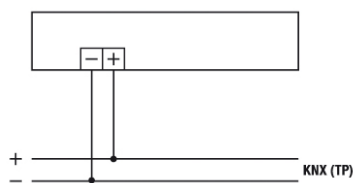
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Circuit diagram



Standard operation