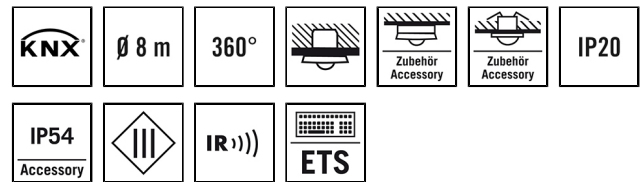


PD-C 360i/8 KNX UP

Item number **GTIN**
 EP10427404 4015120427404



Product description

- KNX recessed ceiling-mounted presence detector with 360° field of detection
- Range of up to 8 m in diameter 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)

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 60 mm
Type of connection	Push terminal
Connectable wire cross section	0,60 - 0,80 mm ²

HOUSING

Dimensions	Height/Depth 62 mm, Ø 108 mm
Weight	120 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	5 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

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 m ²
Recommended installation height	3 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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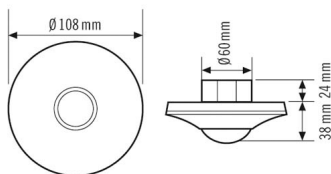
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Turn-on delay	disabled/2 min - 30 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Function	Switching
Switch-on delay channel 3	disabled/2 min - 30 min
Time setting channel 3	disabled/30 sec./1 min./12 hrs
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 %)

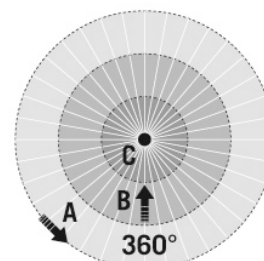
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL PDi/USER	EM10425547	4015120425547
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	4015120425912
COMPACT COVER SET 8 SR	EP10425936	4015120425936
MOUNTING SET IP20 FM 62 WH	EP10425929	4015120425929
BASKET GUARD ROUND LARGE	EM10425608	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	4015120425615
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	4015120426933
COMPACT COVER SET 8 BK	EP00007521	4015120007521

Scale drawing



Field of detections



Detection range

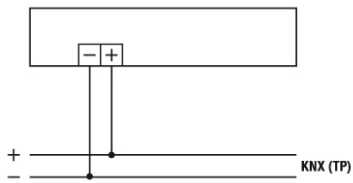
Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m
Presence area (C)	Ø 4 m

DATA SHEET

PD-C 360i/8 KNX UP

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EP10427404 4015120427404

Circuit diagram



Standard operation