

## DATA SHEET

### Order description

PD-C360i/24 KNX UP

### Item number

EP10427428

### GTIN

4015120427428



### Product description

- KNX recessed ceiling-mounted presence detector with 360° field of detection
- range of up to 24 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)
- Switching function makes it ideal for use in areas with ceilings of up to 10 m such as sports halls and warehouses

### Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
warranty	5-year
MOUNTING	
Installation type	Recessed mounting
Mounting location	Ceiling
Installation dimension	Installation depth 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 46 mm, Ø 108 mm
Weight	120 g
Material	UV-stabilised polycarbonate
Protection type	IP 20
Permissible ambient temperature	5 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
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	24 m
Detection range head-on	11 m

Detection range zone de présence	8 m
Field of detection	453 m <sup>2</sup>
Recommended installation height	3 m
Max. mounting height	10 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	2
Number of switching contacts	1
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	Switching
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
Switch-on delay channel 3	disabled/2 min - 30 min

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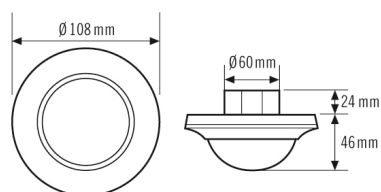
Order description	Item number	GTIN
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Time setting channel 3	disabled/30 sec./1 min./12 hrs	
Bus voltage	29-31 V = (KNX)	
KNX input	manual light control, block objects, reset, slave	
KNX output	presence, status, light value, HVAC	
Sensitivity configurable via ETS	yes	
Sends a telegram at regular intervals	yes	

Master/slave function	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 %)

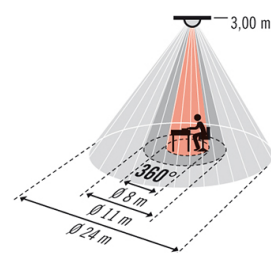
### Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/user	EM10425547	4015120425547
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Surface-mounted box-C IP 20	EP10425370	4015120425370
Surface-mounted box C IP 54	EP10425905	4015120425905
Cover set C360/24	EP10425431	4015120425431
Ceiling-mounted set-C	EP10425929	4015120425929
Basket guard 180/90	EM10425608	4015120425608
Basket guard 165/70	EM10425615	4015120425615
Mobil-PDi/MDi	EM10425509	4015120425509

### Scale drawing



### Field of detection



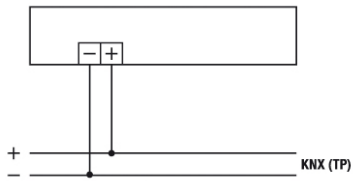
- Operating area approx.  $\varnothing$  8 m
- Head-on to detector approx.  $\varnothing$  11 m
- Passage area / diagonally to detector approx.  $\varnothing$  24 m

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### Circuit diagram

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Standard operation

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