

PD-C 360i/32 KNX

Order description

PD-C 360i/32 KNX UP

Item number

EP10427794

GTIN

4015120427794



Product description

- KNX Recessed ceiling presence detector with 360° field of detection
- Range of up to 32 m in the diameter at a recommended installation height of 3 m for convenience 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 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 70 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
Connection	WAGO
ELECTRICAL VERSION	
Protection class	III
Nominal voltage	29 - 31 V
Stand-by consumption	< 0.2 W
Power consumption	0,2 W
Power consumption	6 mA
SENSORS	
Detection angle	360°

Detection range diagonally	Ø 32 m
Detection range head-on	Ø 11 m
Detection range presence	Ø 8 m
Field of detection	up to 805 m ²
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
Number of light channels	2
Number of switching contacts	1
Push button input lighting	2
Push button input HVAC	true
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

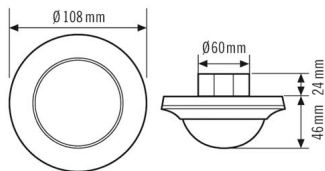
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Switch-off delay time	disabled/30 sec./1 min./12 hrs
Orientation light	disabled/10 - 50 %, 2 values can be selected

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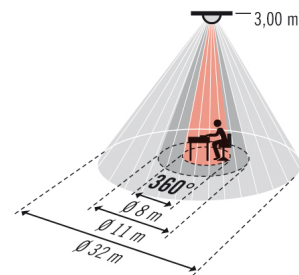
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Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min	
Output	Switching	
Turn-on delay	disabled/2 min - 30 min	
Switch-off delay channel 2	10 sec.-1 hour	
Orientation light	disabled/10 - 50 %, 2 values 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	
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 %)

Scale drawing



Field of detections



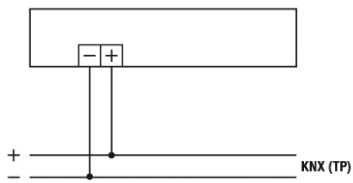
- Operating area approx. \varnothing 8 m
- Head-on to detector approx. \varnothing 11 m
- Passage area / diagonally to detector approx. \varnothing 32 m

DATA SHEET

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Circuit diagram



Standard operation