

# DATA SHEET

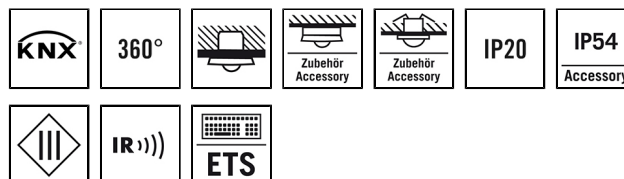
## PD-C 360i/32 KNX

### 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

User interface	IR remote control, ETS-Software
----------------	---------------------------------

#### GENERAL

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

#### HOUSING

Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	140 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 m²
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 HLK-channels	1
Push button input lighting	2
Push button input HVAC	✓
Slave input	Yes, unit can be configured as a master or slave device
Fully automatic	yes
Semi-automatic	yes
Constant light control	✓
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
Push button input channel 1	—
Orientation light	disabled/10 - 50 %, 2 values can be selected

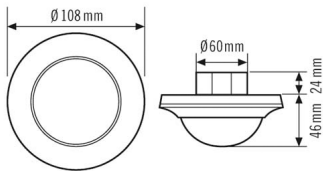
PD-C 360i/32 KNX

Item number	GTIN
EP10427794	4015120427794

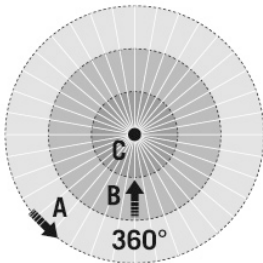
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Output	Switching
Turn-on delay	disabled/2 min - 30 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Switch-on delay channel 3	disabled/2 min - 30 min
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 %)

Scale drawing



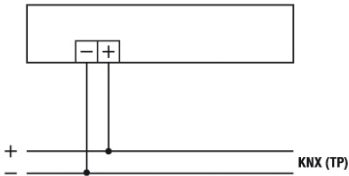
Field of detections



Detection range

Diagonally (A)	Ø 32 m
Frontal (B)	Ø 11 m
Presence area (C)	Ø 8 m

Circuit diagram



Standard operation