

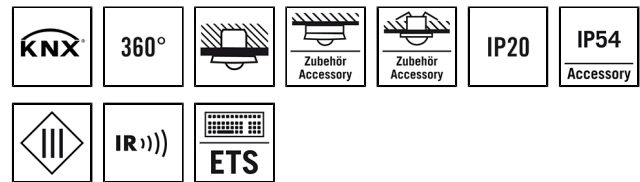
## PD-C 360i/32 KNX

**Item number**      **GTIN**  
 EP10427794      4015120427794



### Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
User interface	IR remote control, ETS-Software
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting / device box (Ø 68 mm)
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 <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	40 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	
Control system	KNX
Protection class	III
Nominal voltage	29 - 31 V DC
Power consumption	0.2 W
Power consumption	6 mA



### 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
- Offers special product features like:**
- Presence and daylight dependent constant light control
  - KNX functions: Alarm, twilight switch, brightness detection, light-dependent motion detection, snooze function, scene telegram via object

Stand-by consumption      < 0.2 W

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 <sup>2</sup>
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

CHANNELS (LIGHTING / HVAC)	
Number of light channels	2
Number of HVAC-channels	1
Push button input lighting	2
Push button input HVAC	✓
Slave input	✓
Mode	Semi-automatic, Fully automatic
Constant light control	✓
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value, HVAC
KNX functions	Presence simulation, Manual override, Master- / slave-toiminto, Night-light feature, Sensitivity configurable, Sends a telegram at regular intervals

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Channel	<b>C1 Lighting</b>
Function	Switching, Regulate
Switch contact	Bus system
Push button input	–
Impulse mode	–
Switch-off delay time	30 s...720 min (adjustable in steps)
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	60 s...250 min
Channel	<b>C2 Lighting</b>
Function	Switching, Regulate
Offset setting	c2 offset from c1 (-50 % to +50 %)
Switch contact	Bus system

Push button input	–
Impulse mode	–
Switch-off delay time	10 s...60 min (adjustable in steps)
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	60 s...250 min
Channel	<b>C3 HVAC</b>
Function	Switching
Push button input	–
Switch-on delay	120 s...30 min
Impulse mode	–
Switch-off delay time	30 s...720 min (adjustable in steps)

### Factory settings

<b>GENERAL</b>	
Sensitivity	100 %
Orientation light ON	–
Orientation light, depending on brightness	✓
Switching threshold for orientation light	500 lx
Deviation (%)	0 %
Luminous efficiency switch-on value	60 %

Operating mode	fully automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min
Luminous efficiency of orientation light	10 %
Channel	<b>C2 Lighting</b>
Operating mode	fully automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min
Luminous efficiency of orientation light	25 %

<b>CHANNELS (LIGHTING / HVAC)</b>	
Channel	<b>C1 Lighting</b>

### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
COMPACT COVER SET 24/32 SR	EP10425431	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, silver	4015120425431
COMPACT COVER SET 24/32 BK	EP00007491	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, black	4015120007491
<b>Mounting</b>			
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	Surface-mounted box for COMPACT series, IP20, silver	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	Surface-mounted box for COMPACT series, IP54, silver	4015120425912
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	Surface-mounted box for COMPACT series, IP54, black	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	4015120426933
<b>Protection</b>			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm,	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm,	4015120425615

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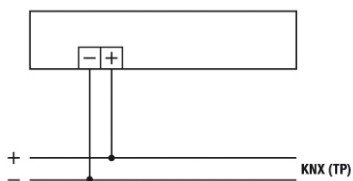
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### Accessories

Product designation	Item number	Product description	GTIN
<b>Remote control</b>			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	4015120425547

Dimension drawing	Field of detections	Detection range	
		<ul style="list-style-type: none"> <li>Diagonally (A)</li> </ul>	<ul style="list-style-type: none"> <li>Ø 32 m</li> </ul>
		<ul style="list-style-type: none"> <li>Frontal (B)</li> </ul>	<ul style="list-style-type: none"> <li>Ø 11 m</li> </ul>
		<ul style="list-style-type: none"> <li>Presence area (C)</li> </ul>	<ul style="list-style-type: none"> <li>Ø 8 m</li> </ul>

### Circuit diagram



Standard operation