DATA SHEET

PD-C 180i/16 UC

Item number EP10427305

GTIN 4015120427305



5 YEARS MANUFACTURER WARRANTY

12 - 36 V ⎓ 12 - 36 V ~ | r 8 m | 180° | c1 | Zubehör Accessory | IP20 | IP44 Zubehör Accessory | IR | blue mode | Frame accessory not included

Product description

- Presence detector with **180° field of detection** for wall mounting
- range of up to 16 m in diameter for the **use in connection with building management systems**
- Operating voltage 12-36 V DC or AC voltage (AC/DC)
- Potential-free software-controlled switching output (C/O)
- Connectable and disconnectable display of detection
- Silent switch up to the maximum of 2 A

Offers special product features like:
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Technical data

GENERAL	
Device category	Wall-mounted presence detector
User interface	IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT	
Installation type	Recessed mounting / device box (Ø 68 mm)
Installation position	Wall
Installation dimension	Installation depth: 34 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1,50 – 2,50 mm²

HOUSING	
Dimensions	Length 70 mm x Width 70 mm x Height/Depth 55 mm
Weight	64 g
Material	UV-stabilised polycarbonate
Protection type	IP20, IP44 depending on cover (order separately)
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	Opal matt

ELECTRICAL VERSION	
Control system	12 - 36 V UC
Protection class	III
Nominal voltage	12 - 36 V AC/DC
Power consumption	0,3 W

SENSORS	
Detection angle	180° horizontal, 60° vertical
Detection range diagonally	Ø 16 m
Detection range head-on	Ø 12 m
Detection range presence	Ø 8 m
Field of detection	up to 101 m²
Recommended installation height	1,1 m
Max. mounting height	2,2 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

CHANNELS (LIGHTING / HVAC)	
Number of light channels	1
Push button input lighting	1
Push button input HVAC	–
Slave input	–
Mode	Semi-automatic, Fully automatic
Switching delay from "dark to light"	300 s
Switching delay from "light to dark"	30 s
Constant light control	✓
Channel	**C1** Lighting
Function	Switching, Regulate, Dimming
Switching capacity	12 - 36 V UC (AC/DC), 2 A
Switch contact	make contact / floating
Push button input	✓
Impulse feature	✓
Switch-off delay time	60 s...60 min (adjustable in steps)

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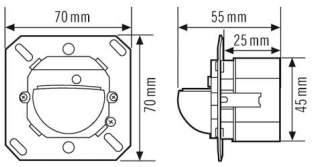
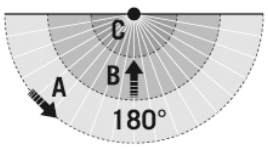
Accessories

Product designation	GTIN
Cover	
COVER IP20 WH	4015120055102
COVER IP20 SWH	4015120055119
COVER IP20 CWH	4015120055126
COVER IP20 AN	4015120055133
COVER IP20 SR	4015120055140
COVER ELK RS/PLUS IP20 WH	4015120055270
COVER SEL Trend IP20 WH	4015120055287
COVER SEL EXX IP20 WH	4015120055294
COVER IP44 WH	4015120055157
COVER BER S1 IP20 PWH	4015120427107
COVER BER S1 IP20 WH	4015120427114
COVER BER MOD2 IP20 PWH	4015120427121
COVER BUJ REF IP20 WH	4015120427145
COVER GIR S55 IP20 WH	4015120427169
COVER GIR S55 IP20 CWH	4015120427176
Mounting	
MOUNTING BOX IP44 SM WH	4015120055164
Remote control	
ESY-Pen	4015120425356
REMOTE CONTROL MDi/PDi	4015120425509

Scale drawing



Field of detections



Detection range

Diagonally (A)	Ø 16 m
Frontal (B)	Ø 12 m
Presence area (C)	Ø 8 m

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Circuit diagram

