

PD-C 180i/16 Touch KNX

Order description

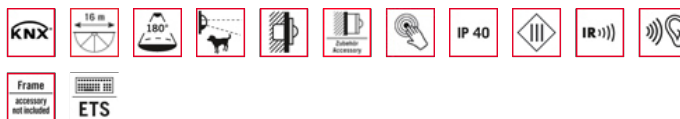
PD-C 180i/16 Touch KNX

Item number

EP10460104

GTIN

4015120460104



Product description

- KNX Presence detector with 180° field of detection for wall mounting
- Simple touch operation by contact on the smoke alarm
- range of up to 16 m in the diameter at a recommended installation height of 1.1 - 2.2 m
- In-built acoustic sensor perfect for use in areas with a complex layout
- 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)

Technical data

GENERAL	
Special product features	microphone, Lens lighting, choice of 7 colours
Conformity	CE, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Wall
Installation dimension	Installation depth: 25 mm, Ø 60 mm
HOUSING	
Dimensions	length 70 mm x width 70 mm x Height/Depth 55 mm
Weight	51 g
Material	UV-stabilised polycarbonate
Protection type	IP40, IP44 depending on cover (order separately)
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
Power consumption	0,2 W
Power consumption	6 mA

SENSORS

Detection angle	180° horizontal, 60° vertical
Detection range diagonally	Ø 16 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 8 m
Field of detection	up to 101 m ²
Recommended installation height	1,1 m
Max. mounting height	2,2 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	1
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

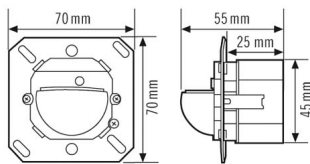
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Switch-off delay time	disabled/30 seconds to 30 min
Orientation light	disabled/0 - 50 %, 2 values can be selected

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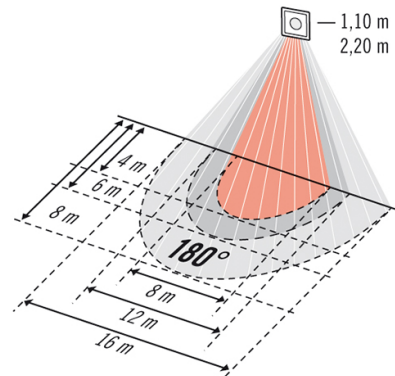
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Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min	
Turn-on delay	disabled/2 min - 30 min	
Switch-off delay channel 2	10 sec.-1 hour	
Orientation light	disabled/0 - 50 %, 2 values can be selected	
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/10 sec./1 min.-60 min.	
Bus voltage	29-31 V = (KNX)	
KNX input	manual light control, block objects, 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, c2 offset from c1 (-50 % to +50 %)

Scale drawing

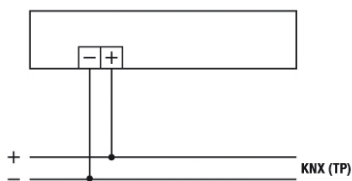


Field of detections



- Operating area
- Head-on to detector
- Passage area / diagonally to detector

Circuit diagram



Standard operation