

PD-C 360i/12 mini KNX

Order description

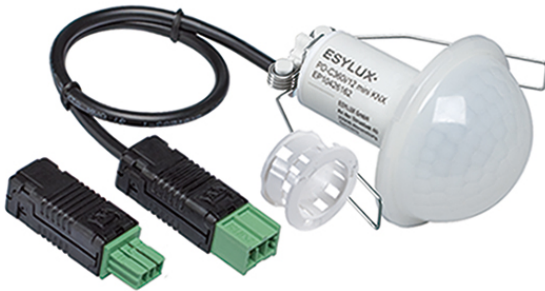
PD-C360i/12 mini KNX

Item number

EP10426162

GTIN

4015120426162



Product description

- KNX Mini presence detector with 360° field of detection for recessed ceiling mounting.
- range of up to 12 m in the diameter at a recommended installation height of 3 m
- 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	
Conformity	CE, RoHS, SundaHus, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 45 mm, Ø 25 mm
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 58 mm
Weight	159 g
Material	UV-stabilised polycarbonate
Protection type	IP55
Permissible ambient temperature	5 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	Opal matt
Connection	WAGO
ELECTRICAL VERSION	
Protection class	III
Nominal voltage	29 - 31 V
Supply line	approx. 20 cm, including plug
Power consumption	0,2 W
Power consumption	6 mA
SENSORS	
Detection angle	360°

Detection range diagonally	Ø 12 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 4 m
Field of detection	up to 113 m ²
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	1
Push button input HVAC	false
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. - 12 hours
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
Turn-on delay	disabled/2 min - 30 min

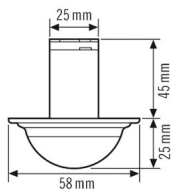
DATA SHEET

PD-C 360i/12 mini KNX

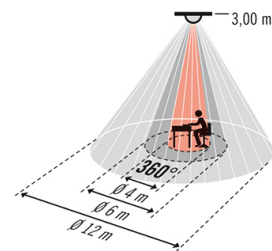
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Switch-off delay channel 2	10 sec.–1 hour	
Orientation light	disabled/10 - 50 %, 2 values can be selected	
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min	
Switch-on delay channel 3	disabled/2 min - 30 min	
Time setting channel 3	disabled/10 sec./1 min./12 h.	
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, c2 offset from c1 (-80 % to +80 %)

Scale drawing

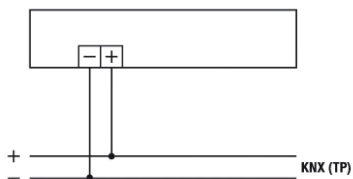


Field of detections



- Operating area approx. \varnothing 4 m
- Head-on to detector approx. \varnothing 6 m
- Passage area / diagonally to detector approx. \varnothing 12 m

Circuit diagram



Standard operation