

## PD-FLAT 360i/8 ROUND WHITE KNX

### Order description

PD-FLAT 360i/8 RW KNX

### Item number

EP10451706

### GTIN

4015120451706



### Product description

- KNX Design recessed ceiling-mounted presence detector with 360° field of detection
- Range of approx. 8 m in Ø at a recommended installation height of 3 m (maximum mounting height 5 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)
- Low profile design with plastic design covers: round, white - variably interchangeable

### Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 45 mm
HOUSING	
Dimensions	Height/Depth 30 mm, Ø 94 mm
Weight	112 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	5 °C...+35 °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	360°
Detection range diagonally	Ø 8 m

Detection range head-on	Ø 6 m
Detection range presence	Ø 4 m
Field of detection	up to 50 m <sup>2</sup>
Recommended installation height	2,5 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	3 - 1000 lx
Number of light channels	2
Number of switching contacts	1
Push button input lighting	2
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

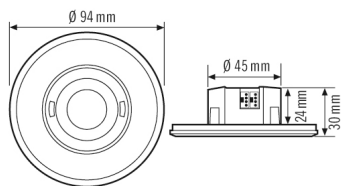
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Switch-off delay time	disabled/30 sec./1 min./12 hrs
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Output	Presence
Turn-on delay	disabled/2 min - 30 min

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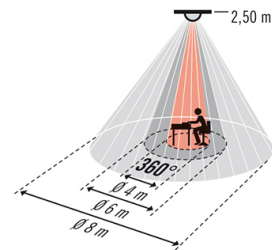
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Switch-off delay channel 2	10 sec.–1 hour	
Orientation light	disabled/10 - 50 %, 2 values can be selected	
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min	
Bus voltage	29-31 V = (KNX)	
KNX input	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, offset (-50 % to +50 %)

### Scale drawing

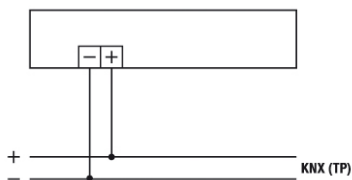


### Field of detections



- Operating area approx.  $\varnothing$  4 m
- Head-on to detector approx.  $\varnothing$  6 m
- Passage area / diagonally to detector approx.  $\varnothing$  8 m

### Circuit diagram



Standard operation