

PD-ATMO 360i/8 A KNX

Order description

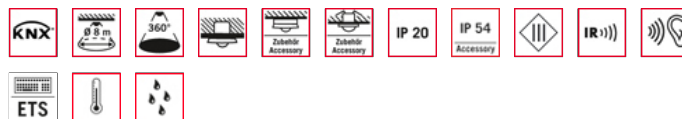
PD-ATMO 360i/8 A KNX

Item number

EP10427206

GTIN

4015120427206



Product description

- KNX recessed ceiling-mounted presence detector with 360° field of detection
- Range of up to 8 m in the diameter at a recommended installation height of 3 m
- In-built acoustic sensor perfect for use in areas with a complex layout
- Additional measurement of the ambient temperature and relative humidity
- 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, relative humidity, temperature measurement
Conformity	CE, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
HOUSING	
Dimensions	Height/Depth 38 mm, Ø 108 mm
Weight	162 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
Stand-by consumption	< 0.3 W
Power consumption	0,2 W
Power consumption	6 mA

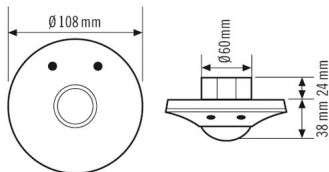
SENSORS	
Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 4 m
Field of detection	up to 50 m ²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx
Number of light channels	2
Number of switching contacts	1
Push button input lighting	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

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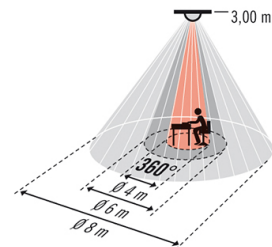
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Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min	
Output	KNX	
Turn-on delay	disabled/2 min - 30 min	
Switch-off delay channel 2	10 sec.-1 hour	
Orientation light	disabled/10 - 50 %, 2 values can 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/30 sec./1 min./12 hrs	
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 (-100 % to +100 %)

Scale drawing



Field of detections



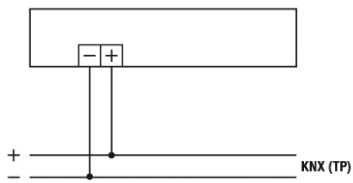
- Operating area approx. \varnothing 4 m
- Head-on to detector approx. \varnothing 6 m
- Passage area / diagonally to detector approx. \varnothing 8 m

DATA SHEET

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Circuit diagram



Standard operation