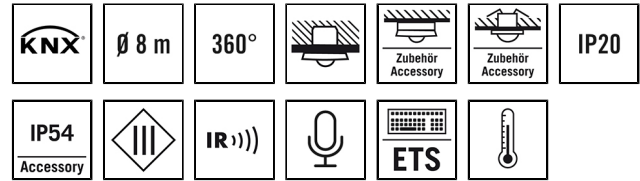


PD-ATMO 360i/8 T KNX

Item number **GTIN**
 EP10427213 4015120427213



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
- 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	
Device category	Ceiling-mounted presence detector
Special product features	Lens lighting, choice of 7 colours
User interface	IR remote control, ETS-Software
Remote controllable	✓
Conformity	CE, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	0,60 - 0,80 mm ²
Number of contacts	4
HOUSING	
Dimensions	Height/Depth 38 mm, Ø 108 mm
Weight	177 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
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

CONTROL	
Number of light channels	2
Number of HLK-channels	1
Push button input lighting	2
Push button input HVAC	✓
Slave input	✓
Mode	Semi-automatic, Fully automatic
Konstantlichtregelung	✓
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value, HVAC
KNX functions	Presence simulation, Constant lighting control, Manual override, Master-/slave-function, Night-light feature, Sensitivity configurable, Sends a telegram at regular intervals
Channel 1	Lighting

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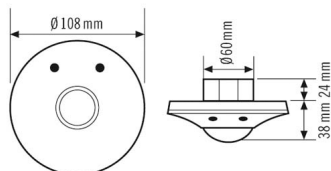
Interface	Switching/Dimming
Contact	Bus system
Push button input channel 1	–
Switch-off delay channel 1	30 s...720 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Output	KNX
Turn-on delay	disabled/2 min - 30 min
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
Function	Switching/Control
Switch-on delay channel 3	disabled/2 min - 30 min

Time setting channel 3	0, 1 - 60 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	✓
Presence simulation	✓
Manual override	yes
Night-light feature	yes
Light channel	c1 + c2 switching/dimming, c2 offset from c1 (-100 % to +100 %)

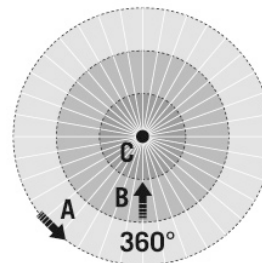
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL PDi/USER	EM10425547	4015120425547
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	4015120425370
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	4015120425905
MOUNTING SET IP20 FM 62 WH	EP10425929	4015120425929
BASKET GUARD ROUND LARGE	EM10425608	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	4015120425615
TELESCOPE MAGNET	EC10430022	4015120430022

Scale drawing



Field of detections



Detection range

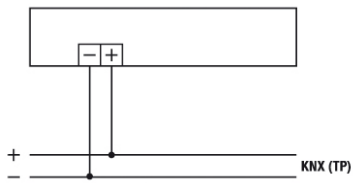
■ Diagonally (A)	∅ 8 m
■ Frontal (B)	∅ 6 m
■ Presence area (C)	∅ 4 m

DATA SHEET

PD-ATMO 360i/8 T KNX

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Circuit diagram



Standard operation