

DATA SHEET

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	
Conformity	CE, RoHS, WEEE
Special product features	microphone, Lens lighting, choice of 7 colours relative humidity Temperature measurement
warranty	5-year
MOUNTING	
Installation type	Recessed mounting
Mounting location	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	IP 20
Permissible ambient temperature	5 °C...+35 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
Terminal	WAGO
ELECTRICAL VERSION	
Protection class	III
Nominal voltage	29 - 31 V
Stand-by consumption	< 0.3 W
SENSORS	
Power consumption	0,2 W

Power consumption	6 mA
Detection angle	360°
Detection range diagonally	8 m
Detection range head-on	6 m
Detection range zone de présence	4 m
Field of detection	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	0
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
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

DATA SHEET

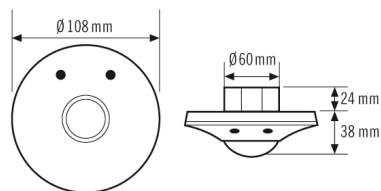
Order description	Item number	GTIN
PD-ATMO 360i/8 A KNX	EP10427206	4015120427206
Orientation light	disabled/10 - 50 %, 2 values can be selected	
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min	
Switch-on delay channel 3	disabled/2 min - 30 min	
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 %)

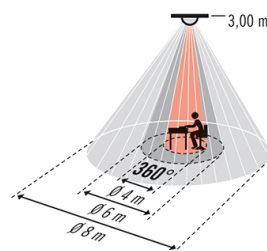
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/user	EM10425547	4015120425547
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Surface-mounted box-C IP 20	EP10425370	4015120425370
Surface-mounted box C IP 54	EP10425905	4015120425905
Ceiling-mounted set-C	EP10425929	4015120425929
Basket guard 180/90	EM10425608	4015120425608
Basket guard 165/70	EM10425615	4015120425615
CA-C Telescope Magnet	EC10430022	4015120430022

Scale drawing



Field of detection

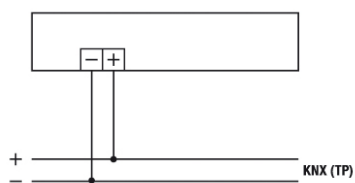


- Operating area approx. $\varnothing 4\text{ m}$
- Head-on to detector approx. $\varnothing 6\text{ m}$
- Passage area / diagonally to detector approx. $\varnothing 8\text{ m}$

DATA SHEET

Order description	Item number	GTIN
PD-ATMO 360i/8 A KNX	EP10427206	4015120427206

Circuit diagram



Standard operation

Energy Conservation Solutions Pty Ltd
Exclusive Distributor for ESYLUX in Australia Locations:
VIC/TAS, NSW, QLD, ACT, SA/NT & WA
Phone: **1300 306 136**
For contact details visit: www.ecs.net.au