

thePixa P360 24V KNX Set UP WH

Item no.: 2269310



KNX Sensor technology

Description

- KNX optical sensor set for flush-mounted ceiling installation indoors
- Set consists of optical sensor and PIR unit
- KNX Data Secure
- Rectangular detection area (Total area 11.0 x 15.5 m 171 m²; at 4.5 m installation height)
- Automatic presence and brightness-dependent control for lighting and HVAC
- Adjustment of brightness measurements via thePixa Plug app
- Configurable sensitivity of sensor
- Distinction between motion and presence
- Parallel switching of multiple sensors (Master/Slave or Master/Master)
- Test mode for checking function and detection area via app (thePixa Plug)
- Output of occupancy rate and occupancy density via telegram
- Integrated temperature sensor
- thePixa Plug app for settings and evaluations (iOS/Android)
- KNX firmware update possible (ETS app)
- Sensor firmware update possible (thePixa Plug app)
- 6 channels light, Z1 light – Z6 light:
 - Switching or constant lighting control with 6 independent control systems and standby function (orientation light)
 - Switching mode with dimmable lighting
 - Free switch object with configuration type switching
 - Fully or semi-automatic device
 - Brightness switching value configurable in lux by using parameters
 - Brightness switching value configurable in lux by using parameters and telegram
 - Light time delay configurable by using parameters
 - Aura effect for better orientation and greater safety
 - Manual override by telegram
- 6 channels HKL, Z1 HKL – Z6 HKL:
 - Configurable switch-on delay and time delay
 - Sending of operating mode
 - Separate block telegram
- 6 channels room occupancy, Z1 room occupancy – Z6 room occupancy:
 - Output of number of persons
 - Control of a fan with up to 3 stages
 - 3 configurable thresholds (threshold switch)



Subject to technical changes and misprints

additional information at: www.theben.de/product/2269310

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

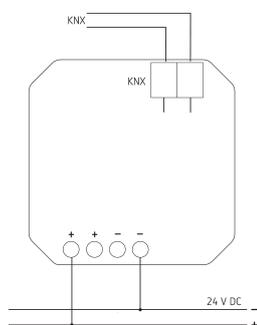
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Technical data

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Operating voltage	24 V DC	Switch-on delay presence	0 s - 120 min / inactive
Stand-by consumption	≤67 mA	Ambient temperature	-5°C ... 45°C
Minimum height	2.5 m	Colour	White
Measuring range brightness	5 - 3000 lx	Setting range temperature	-15°C ... 60°C
Type of connection	KNX bus terminal	Type of protection	IP 20
Installation type	Flush-mounted		
Light measurement	Mixed light measurement		

Connection example



Detection range for planning applications at a temperature of 21 °C

Mounting height (A)	Walking (T)	Sitting (S)	
2.5 m	54 m ² 6 m x 9 m	22 m ² 4 m x 5.5 m	
3 m	79 m ² 7.5 m x 10.5 m	35 m ² 5 m x 7 m	
3.5 m	102 m ² 8.5 m x 12 m	51 m ² 6 m x 8.5 m	
4 m	128 m ² 9.5 m x 13.5 m	79 m ² 7.5 m x 10.5 m	
4.5 m	171 m ² 11 m x 15.5 m	102 m ² 8.5 m x 12 m	

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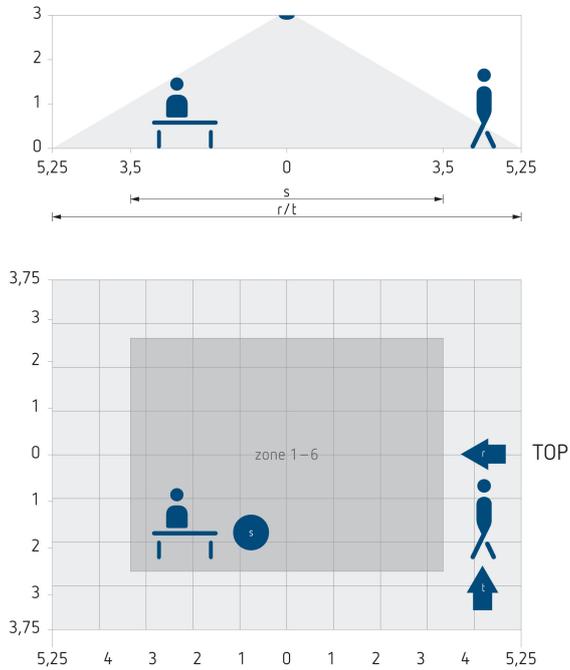
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Detection range for planning applications at a temperature of 21 °C



Scale drawings

Accessories

Ceiling installation box 68A
Item no.: 9070992



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