thePrema P360 KNX AP Multi WH

Item no.: 2079900



Home and Building control KNX

Description

- Multi-sensor KNX
- Consisting of passive infra-red presence detector KNX and air quality sensor KNX (= 2 bus participants)
- Functions air quality sensor:
- Measures CO₂ level, relative humidity, temperature and barometric air pressure
- Three independent, configurable thresholds for the CO_2 level and relative humidity
- Integrated individual room thermostat
- 4 binary inputs
- Functions presence detector:
- Square detection area 360°, 9 x 9 m, (81 m²) at mounting height 3 m
- 3 channels light and 2 channels presence
- 2 channel light C1, C2 with 2 light measurements and additional lighting channel C3 without brightness factor
- 2 presence channels can be set individually
- Adaptable 3 channel light measurement
- Mixed light measurement suitable for LEDs, fluorescent lamps (FL/PL/ESL) and halogen/incandescent lamps
- Can be used as fully or semi-automatic, switchable
- Switch or constant light control mode with stand-by function
- Dimmable lighting in switch mode with stand-by function
- Brightness switching value or set point value can be set in lux using parameters, on the device itself or via remote control
- Teaching in of the brightness switching value or the set point value
- Room correction factor setting for brightness measurement calibration
- Light time delay can be set using parameters, on the device itself or via remote control
- Switch on delay and time delay for presence can be set
- Detection sensitivity can be set
- Self-learning time delay
- Reduced time delay in the event of a shorter stay in the room (short presence)
- Scenario functions
- Extremely easy setting of energy saving characteristics with the new "eco plus" function
- Test mode for checking function and detection range
- Parallel switching of several detectors in Master/Slave or Master/ Master possible
- User remote control and management-remote control (optional)
- Room monitoring
- * According to warranty terms and conditions, see www.theben.de/en/guarantee



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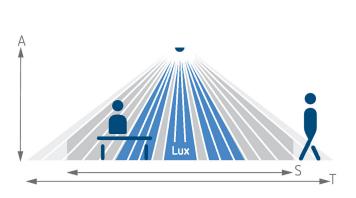
Technical data

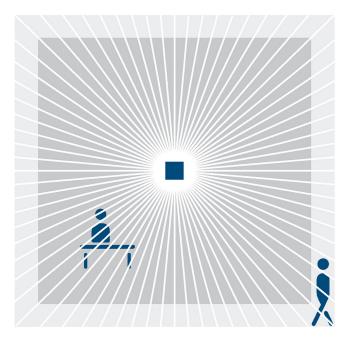
	thePrema P360 KNX AP Multi WH		
Installation height	2 – 10 m		
Minimum height	> 1,7 m		
Measuring range brightness	5 – 3000 lx		
Detection angle	360°		
Installation type	Ceiling installation		
Light switch-off delay	30 s – 60 min/inaktiv/ein		
Lamps	Energy saving lamps, fluorescent lamps, Incandescent/halogen lamps, LEDs		
Light measurement	Mixed light measurement		
Presence switch-off delay	10 s - 120 min		
Switch-on delay presence	10 s - 30 min / inactive		

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Ambient temperature	5°C 40°C	
Detection range	81 m² (9,0 x 9,0 m)	
Colour	White	
Measuring range CO ₂	300 - 5000 ppm	
Setting range temperature	-5°C 45°C	
Measuring range air pressure	30000 - 110000 Pa	
Measuring range humidity	1 – 100 % rH	
Interface extension max.	30 m	
Type of protection	IP 20	

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

Mounting height (A)	Sitting (S)	Walking (T)	
2 m	20 m² 4.5 m x 4.5 m	36 m ² 6 m x 6 m ± 0.5 m	
2.5 m	36 m² 6 m x 6 m	64 m ² 8 m x 8 m ± 0.5 m	
3 m	49 m² 7 m x 7 m	81 m ² 9 m x 9 m ± 1 m	
3.5 m	64 m² 8 m x 8 m	100 m ² 10 m x 10 m ± 1 m	
5 m		144 m ² 12 m x 12 m ± 1.5 m	
10 m		400 m ² 20 m x 20 m ± 2 m	





Detection range according to Sensnorm IEC 63180

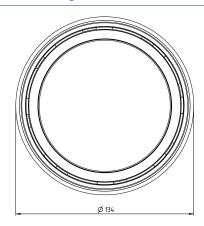
Mounting height (A)	Diagonally (T)	Head on to (R)	Sitting (S)

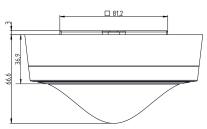
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Scale drawings





Accessories

theSenda P Item no.: 9070910







QuickSafe Item no.: 9070531



theSenda B Item no.: 9070985

