



## PD2N-KNXs-OCCULOG-DX-FM Set 93531-92199

KNX PIR Motion Sensor (Deluxe) with 360° detection and a range of up to Ø10m (78 m<sup>2</sup>), multi-sensor with temperature, air quality, and humidity control

### Order data

Designation	Colour	Art.No
PD2N-KNXs-OCCULOG-DX-FM	white	93531
Wire basket BSK (Ø 200 x 90 mm)	white	92199

## Technical data

Voltage:	via KNX BUS
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
Typ. power input:	25 mA
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards seated
Range:	max. Ø 4 m seated
Monitored area (tangential movement):	78 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class III
Impact strength:	<b>IK09 (92199)</b>
Temperature measurement range:	-5 °C to +45 °C
Ambient temperature:	-25 °C to +55 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b>
Material color:	white mat, similar to RAL9010
Number of light sensors:	2
Number of PIR sensors:	1
KNX TP 256:	Yes
KNX Secure:	Yes
Orientation light:	5 - 100 % / OFF / 1 min - 255 min
Night light:	5 - 100 %
Brightness set value:	5 - 2000 Lux

## Product information

Set : PD2N-KNXs-OCCULOG-DX-FM + Wire basket BSK (Ø 200 x 90 mm) white
KNX occupancy detector with integrated KNX bus connector
Low installation depth
1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs
Intelligent semi-automatic mode, occupancy-independent regulating mode (photoelectric switch), full automatic mode
Two logic modules
Individual adaption of the PIR sensor sensitivity
Mixed light measurement with internal and external light sensor
Various locking functions
Status LEDs can be activated / deactivated
Programming button (phys. address) can be operated via remote control
Regulation of up to three lighting groups using offset (external influence possible)
Short presence, self-adjusting follow-up time, corridor function
Recall of light scenes
Temperature- and noise sensor
Measurement of air quality based on volatile organic compounds (VOC)
Up to 4 limit values possible
Measurement of relative air humidity
All values can be sent to the bus and used for HVAC applications
Controller for temperature, air quality and humidity
HVAC mode (0=automatic, 1=comfort, 2=stand-by, 3=economy, 4=antifreeze/heat protection)
5 button remote control, programmable at choice (accessory)
Occupancy simulation
Detection area can be extended thanks to master-slave-mode
Extensive optimization options for light measurement
Measured light value is communicated to the bus
IR remote control-capable via IR remote control (optionally)
PIN code

Manual influence via external KNX push buttons possible

Function control (heartbeat, cyclical sending)

Forced switch-off

Intelligent central-off function

Premonition of switch-off

Behaviour upon bus voltage return definable at choice

Variable safety pause after switching off the lights

Parameterisation from ETS 5 for integration into KNX systems

The product database for import into the ETS database can be downloaded from the B.E.G. homepage.

Adaption of dimming curve

Determination of the reflection factor, e.g. on a desk, with the optional BLE-IR-Adapter

Burn-in function for fluorescent lamps selectable from 1h till 100h

Soft-start

Integrated Tunable White controller for human-centric lighting

RGB control

Spring-clamps

Blinds



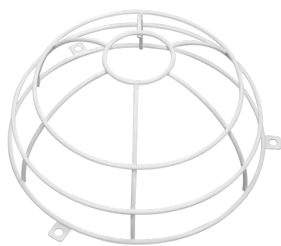
## Set items

To receive the bundle according to the technical specification, please order the items listed.



**PD2N-KNXs-OCCULOG-DX-FM**  
Art.No: 93531

Voltage: via KNX BUS  
Dimensions: Ø 106 x 42 mm  
Typ. power input: 25 mA



**Wire basket BSK (Ø 200 x 90 mm)**  
Art.No: 92199

Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket