



## PD2N-KNXs-DX-FM Set 93513-93762

KNX PIR Motion Sensor (Deluxe) with 360°  
detection and a range of up to 10 m (78 m<sup>2</sup>)

### Order data

| Designation        | Colour        | Art.No |
|--------------------|---------------|--------|
| PD2N-KNXs-DX-FM    | white         | 93513  |
| Cover ring PD2N FM | traffic white | 93762  |

## Technical data

|   |   |
|---|---|
| Voltage:                                  | via KNX BUS   |
| Dimensions:                               | Ø 106 x 42 mm   |
| Typ. power input:                         | 12 mA   |
| Detection area:                           | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 10 m<br>across<br>max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated |
| Range:                                    |   |
| Monitored area (tangential movement):     | 78 m <sup>2</sup> / 2.5 m<br>mounting<br>height   |
| Mounting height<br>min./max./recommended: | 2 m / 5 m / 2.5<br>m  |
| Degree / class of<br>protection:          | IP20 / Class III  |
| Impact strength:                          | IK05  |
| Temperature<br>measurement range:         | -5 °C to +45 °C   |
| Ambient temperature:                      | -25 °C to +55<br>°C   |
| Housing:                                  | polycarbonate,<br>UV-resistant  |
| Material color:                           | <b>traffic white<br/>mat, similar<br/>to RAL9016<br/>(93762)</b>  |
| Number of light sensors:                  | 2   |
| Number of PIR sensors:                    | 1   |
| KNX TP 256:                               | Yes   |
| KNX Secure:                               | Yes   |
| Orientation light:                        | 5 - 100 % / OFF<br>/ 1 min - 255<br>min   |
| Night light:                              | 5 - 100 %   |
| Brightness set value:                     | 5 - 2000 Lux  |

## Product information

Set : PD2N-KNXs-DX-FM + Cover ring PD2N FM traffic white mat, similar to RAL9016

KNX occupancy detector with integrated KNX bus connector

KNX Secure ready

HCL/RGB control

Parameterisation from ETS 5 for integration into KNX systems

Individual adaption of the PIR sensor sensitivity

Mixed light measurement using internal, external and remote (optional) light sensors

Intelligent semi-automatic mode, occupancy-independent regulating mode (photoelectric switch), full automatic mode

1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs

Regulation of up to three lighting groups using offset (external influence possible)

Short presence, self-adjusting follow-up time, corridor function

Various locking functions

Soft-start

Two logic modules

Recall of light scenes

Deactivatable status indicators

Temperature- and noise sensor

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

Detection area can be extended thanks to master-slave-mode

Extensive optimization options for light measurement

Measured light value is communicated to the bus

Adaption of dimming curve

Bidirectionally remote control-capable with the IR adapter and the B.E.G. smartphone app

PIN code

IR remote control-capable via IR remote control (optionally)

5 button remote control, programmable at choice (accessory)

Programming button (phys. address) can be operated via remote control

HVAC mode (0=automatic, 1=comfort, 2=stand-by, 3=economy, 4=antifreeze/heat protection)

Manual influence via external KNX push buttons possible

Function control (heartbeat, cyclical sending)

Occupancy simulation

Forced switch-off

Intelligent central-off function

Premonition of switch-off

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

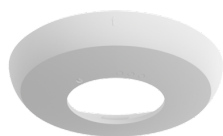
Behaviour upon bus voltage return definable at choice

Variable safety pause after switching off the lights



## Set items

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



### **PD2N-KNXs-DX-FM**

Art.No: 93513

Voltage: via KNX BUS  
Dimensions: Ø 106 x 42 mm  
Typ. power input: 12 mA

### **Cover ring PD2N FM**

Art.No: 93762

Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant