



## PD2N-KNXs-ST-FM Set 93511-93762

KNX PIR motion detector (standard) with 360° coverage and a range of up to Ø10m (78 m<sup>2</sup>)

### Order data

| Designation        | Colour        | Art.No |
|--------------------|---------------|--------|
| PD2N-KNXs-ST-FM    | white         | 93511  |
| 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 across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| Range:                                 | 78 m <sup>2</sup> / 2.5 m mounting height  |
| Monitored area (tangential movement):  | 2 m / 5 m / 2.5 m  |
| Mounting height min./max./recommended: | IP20 / Class III   |
| Degree / class of protection:          | IK05   |
| Impact strength:                       | -25 °C to +55 °C   |
| Ambient temperature:                   | polycarbonate, UV-resistant  |
| Housing:                               | <b>traffic white mat, similar to RAL9016 (93762)</b>   |
| Material color:                        | 2  |
| Number of light sensors:               | 1  |
| Number of PIR sensors:                 | Yes  |
| KNX TP 256:                            | Yes  |
| KNX Secure:                            | 5 - 100 % / OFF / 1 min - 255 min  |
| Orientation light:                     | 5 - 100 %  |
| Night light:                           | 5 - 2000 Lux   |
| Brightness set value:                  |  |

## Product information

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

KNX occupancy detector with integrated KNX bus connector

KNX Secure ready

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 output (for regulating or switching), 1 x slave output, 3 x HVAC outputs (separately programmable)

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

Recall of light scenes

Deactivatable status indicators

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)

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)

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

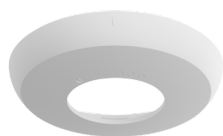
To receive the bundle according to the technical specification, please order the items listed.



### **PD2N-KNXs-ST-FM**

Art.No: 93511

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