

**B.E.G.****LUXOMAT® net**

## PD2N-KNXs-ST-FM

Prod.No. 93511 EAN: 4007529935116

KNX PIR motion detector (standard) with 360° coverage and a range of up to 10 m (78 m²)

### Order data

Designation	Colour	Art.No
PD2N-KNXs-ST-FM	white	93511

### Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-KNX	-	92123
SM socle mounting set IP54 PD2N- / PD4N-FM	white	93307
SM socle mounting set IP54 PD2N- / PD4N-FM	black	93753
SM socle mounting set IP54 PD2N- / PD4N-FM	traffic white	93752
SM socle mounting set IP54 PD2N- / PD4N-FM	anthracite	93751
Cover ring PD2N FM	black	93763
Cover ring PD2N FM	traffic white	93762
Cover ring PD2N FM	anthracite	93761
Cover ring PD2N FM	white	93760
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Wall holder PD2N/4N Typ A	traffic white	93702

Wall holder PD2N/4N Typ A	anthracite	93701
Wall holder PD2N/4N Typ A	white	93700
Wall holder PD2N/4N Typ A	black	93703
Wall holder PD2N/4N Typ A	white	93164
Blinds PD2N/PD3N		37367

## Technical data

Voltage:	via KNX BUS
Dimensions:	Ø 106 x 42 mm
Typ. power input:	12 mA
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards 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:	white mat, similar to RAL9010
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

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 (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

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

**Typical applications:**

Offices, conference rooms, schools, nursery schools, hospitals



## Accessories



**BLE-IR-Adapter**  
Art.No: 93067

Dimensions: 40 x 55 x 103 mm  
Material color: black  
Frequency: 2.4 GHz ISM band, GFSK  
0.2 dBm + 5.3 dBi = 5.5 dBm



**IR-PD-KNX**  
Art.No: 92123

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



**SM socle mounting set IP54 PD2N- / PD4N-FM**  
Art.No: 93307

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Material color: white, similar to RAL9010



**SM socle mounting set IP54 PD2N- / PD4N-FM**  
Art.No: 93753

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



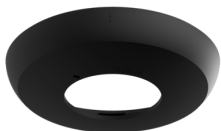
**SM socle mounting set IP54 PD2N- / PD4N-FM**  
Art.No: 93752

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



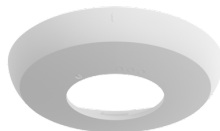
**SM socle mounting set IP54 PD2N- / PD4N-FM**  
Art.No: 93751

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



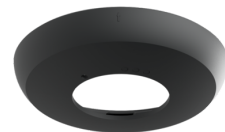
**Cover ring PD2N FM**  
Art.No: 93763

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



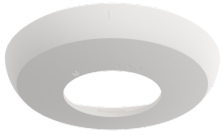
**Cover ring PD2N FM**  
Art.No: 93762

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



**Cover ring PD2N FM**  
Art.No: 93761

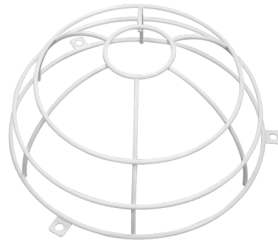
Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



**Cover ring PD2N FM**

Art.No: 93760

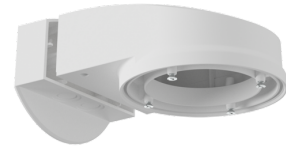
Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



**Wire basket BSK (Ø 200 x 90 mm)**

Art.No: 92199

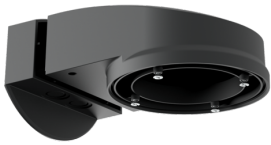
Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket



**Wall holder PD2N/4N Typ A**

Art.No: 93702

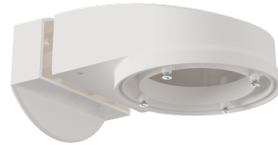
Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 / Class II  
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**

Art.No: 93701

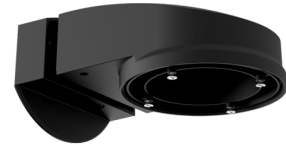
Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 / Class II  
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**

Art.No: 93700

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 / Class II  
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**

Art.No: 93703

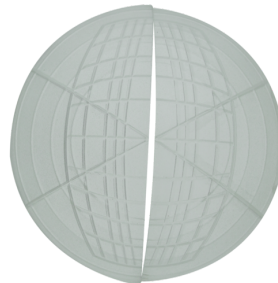
Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 / Class II  
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**

Art.No: 93164

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 / Class II  
Housing: polycarbonate, UV-resistant



**Blinds PD2N/PD3N**

Art.No: 37367

Housing: ABS