

**B.E.G.****LUXOMAT® net**

## PD4N-KNXs-DX-FM Set 93517-93752-93742-92 199

KNX PIR Motion Sensor (Deluxe) with 360°  
detection and a range of up to Ø24m (450 m<sup>2</sup>)

### Order data

Designation	Colour	Art.No
PD4N-KNXs-DX-FM	white	93517
SM socle mounting set IP54 PD2N- / PD4N-FM	traffic white	93752
Corridor lens PD4N type A, Cover ring	traffic white	93742
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:	12 mA
Detection area:	<b>horizontal 360° (Ceiling mounting) (93742)</b> <b>max. Ø 40 m across</b> <b>max. Ø 20 m towards (93742)</b>
Range:	<b>250 m<sup>2</sup> / 2.5 m mounting height (93742)</b>
Monitored area (tangential movement):	<b>2.4 m / 2.6 m / 2.5 m (93742)</b>
Mounting height min./max./recommended:	<b>IP20 / Class III + IP54 (93752)</b>
Degree / class of protection:	<b>IK09 (92199)</b>
Impact strength:	-5 °C to +45 °C
Temperature measurement range:	-25 °C to +55 °C
Ambient temperature:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b> <b>traffic white mat, similar to RAL9016 (93742)</b>
Housing:	
Material color:	
Number of light sensors:	2
Number of PIR sensors:	4
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 : PD4N-KNXs-DX-FM + SM socle mounting set IP54 PD2N- / PD4N-FM traffic white mat, similar to RAL9016 + Corridor lens PD4N type A, Cover ring traffic white mat, similar to RAL9016 + Wire basket BSK (Ø 200 x 90 mm) white

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 detection sensitivity for each PIR sensor

PIR sensors can be deactivated individually

Direction of movement can be identified

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

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.



### **PD4N-KNXs-DX-FM**

Art.No: 93517

Voltage: via KNX BUS  
Dimensions: Ø 106 x 55 mm  
Typ. power input: 12 mA



### **SM socle mounting set IP54 PD2N- / PD4N-FM**

Art.No: 93752

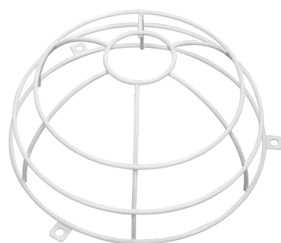
Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



### **Corridor lens PD4N type A, Cover ring**

Art.No: 93742

Detection area: horizontal 360° (Ceiling mounting)  
Range: max. Ø 40 m across  
max. Ø 20 m towards  
Monitored area (tangential movement):  
250 m<sup>2</sup> / 2.5 m mounting height



### **Wire basket BSK (Ø 200 x 90 mm)**

Art.No: 92199

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