

**B.E.G.****LUXOMAT<sup>®</sup> net**

## PD11-KNXs-FLAT-DX-FC

Prod.No. 93523 EAN: 4007529935239

KNX PIR Motion Sensor (Deluxe) with 360°  
detection and a range of up to Ø9m (63 m<sup>2</sup>)

### Order data

Designation	Colour	Art.No
PD11-KNXs-FLAT-DX-FC	white	93523

### Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-Adapter for Smartphones	black	92726
IR-PD-KNX	-	92123
IR-PD-KNX-Mini	-	93398
In-wall mounting set / PD11	white	92833
Cover ring PD11 (52 mm)	black	92537
Cover ring PD11	white	92692
Square design frame PD11-FC	white	92994
Surface mounting socket PD11	white	92121

## Technical data

Voltage:	via KNX BUS
Dimensions:	Ø 52 x 48 mm
Typ. power input:	12 mA
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 9 m across max. Ø 6 m towards max. Ø 3 m seated
Range:	
Monitored area (tangential movement):	63 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:	IP54 / Class III
Impact strength:	IK02
Temperature measurement range:	-5 °C to +45 °C
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Number of light sensors:	1
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

Low profile 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 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

Flush mounting with accessory 92833, surface mounting with accessories 92833 and 92121



## 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-Adapter for Smartphones**  
Art.No: 92726

Dimensions: 47 x 19 x 10 mm  
Degree / class of protection: IP20  
Ambient temperature: -20 °C to +40 °C



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

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



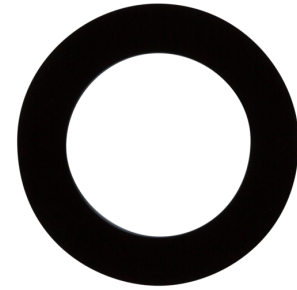
**IR-PD-KNX-Mini**  
Art.No: 93398

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 57 x 35 x 7 mm  
Material color: -



**In-wall mounting set / PD11**  
Art.No: 92833

Dimensions: Ø 104 mm  
Material color: white



**Cover ring PD11 (52 mm)**  
Art.No: 92537

Dimensions: Ø 52 x 3 mm  
Housing: polycarbonate, UV-resistant  
Material color: black, similar to RAL9005



**Cover ring PD11**  
Art.No: 92692

Dimensions: Ø 100 x 3 mm  
Housing: polycarbonate, UV-resistant  
Material color: white mat, similar to RAL9010



**Square design frame PD11-FC**  
Art.No: 92994

Dimensions: 54 x 54 x 2.6 mm  
Housing: polycarbonate, UV-resistant  
Material color: white mat, similar to RAL9010



**Surface mounting socket PD11**  
Art.No: 92121

Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant  
Material color: white