

**B.E.G.****LUXOMAT<sup>®</sup>net**

## PD9-KNXs-DX-FC Set 93520-92958

KNX PIR Motion Sensor (Deluxe) with 360°  
detection and a range of up to Ø10m (78 m<sup>2</sup>)

### Order data

Designation	Colour	Art.No
PD9-KNXs-DX-FC	white	93520
Cover IP65 for Sensor head PD9	transparent	92958

## Technical data

Voltage:	via KNX BUS Sensor head: Ø 45 x 28 mm,
Dimensions:	Power supply: 129 x 29 x 22 mm
Typ. power input:	12 mA
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across
Range:	max. Ø 6 m towards max. Ø 4 m seated
Monitored area (tangential movement):	78 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:	<b>IP20 / Class III + IP65 (92958)</b>
Impact strength:	IK03
Temperature measurement range:	-5 °C to +45 °C
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant <b>white mat, similar to RAL9010 + transparent (92958)</b>
Material color:	
Number of light sensors:	1
Number of PIR sensors:	1
KNX TP 256:	Yes
KNX Secure:	Yes
Cable length:	45 cm
Orientation light:	5 - 100 % / OFF / 1 min - 255 min
Night light:	5 - 100 %
Brightness set value:	5 - 2000 Lux

## Product information

Set : PD9-KNXs-DX-FC + Cover IP65 for Sensor head  
PD9 transparent

KNX mini occupancy detector with integrated 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

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.



### **PD9-KNXs-DX-FC**

Art.No: 93520

Voltage: via KNX BUS

Dimensions: Sensor head: Ø 45 x 28 mm, Power supply: 129 x 29 x 22 mm

Typ. power input: 12 mA

### **Cover IP65 for Sensor head PD9**

Art.No: 92958

Degree / class of protection: IP65

Housing: UV-resistant

Material color: transparent