

B.E.G.**LUXOMAT®** net

PD9-KNXs-DX-FC Set 93520-92993

KNX PIR Motion Sensor (Deluxe) with 360°
detection and a range of up to Ø10m (78 m²)

Order data

Designation	Colour	Art.No
PD9-KNXs-DX-FC	white	93520
Square design frame PD9-FC	pure white	92993

Technical data

Voltage:	via KNX BUS Sensor head: Ø 45 x 28 mm, Power supply: 129 x 29 x 22 mm + 45 x 45 x 2.6 mm (92993)
Dimensions:	
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:	
Monitored area (tangential movement):	78 m ² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class III
Impact strength:	IK03
Temperature measurement range:	-5 °C to +45 °C
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant pure white mat, similar to RAL9010 (92993)
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 + Square design frame PD9-FC pure white mat, similar to RAL9010
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 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
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.



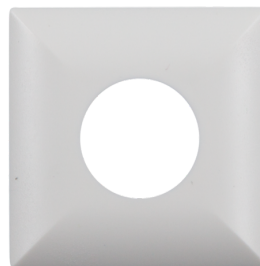
PD9-KNXs-DX-FC

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



Square design frame PD9-FC

Art.No: 92993

Dimensions: 45 x 45 x 2.6 mm

Housing: polycarbonate, UV-resistant

Material color: pure white mat, similar to RAL9010