



## PD4N-KNXs-DX-FM Set 93517-93751-93731

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	anthracite	93751
lens PD4N, Cover ring	anthracite	93731

## Technical data

Voltage:	via KNX BUS
Dimensions:	<b>Ø 106 x 55 mm + Ø 109 x 19 mm (93751)</b>
Typ. power input:	12 mA
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards seated
Range:	450 m <sup>2</sup> / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 10 m / 2.5 m
Mounting height min./max./recommended:	<b>IP20 / Class III + IP54 (93751)</b>
Degree / class of protection:	IK04
Impact strength:	-5 °C to +45 °C
Temperature measurement range:	-25 °C to +55 °C
Ambient temperature:	polycarbonate, UV-resistant
Housing:	<b>anthracite mat, similar to RAL7016 (93731)</b>
Material color:	2
Number of light sensors:	4
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

Set : PD4N-KNXs-DX-FM + SM socle mounting set IP54 PD2N- / PD4N-FM anthracite mat, similar to RAL7016 + lens PD4N, Cover ring anthracite mat, similar to RAL7016
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: 93751

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



### **lens PD4N, Cover ring**

Art.No: 93731

Detection area: horizontal 360° (Ceiling mounting)  
Range: max. Ø 24 m across  
max. Ø 8 m towards  
max. Ø 6.4 m seated  
Monitored area (tangential movement): 450 m<sup>2</sup> / 2.5 m mounting height