



## PD4N-KNXs-DX-FM Set 93517-93307

KNX occupancy detector with integrated KNX bus connector

KNX Secure ready

HCL/RGB control

### Order data

Designation	Colour	Art.No
PD4N-KNXs-DX-FM	white	93517
SM socle mounting set IP54 PD2N- / PD4N-FM	white	93307

## Technical data

Voltage:	via KNX BUS
Dimensions:	<b>Ø 106 x 55 mm + Ø 109 x 19 mm (93307)</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 (93307)</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>white, similar to RAL9010 (93307)</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 white, similar to RAL9010
	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 (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

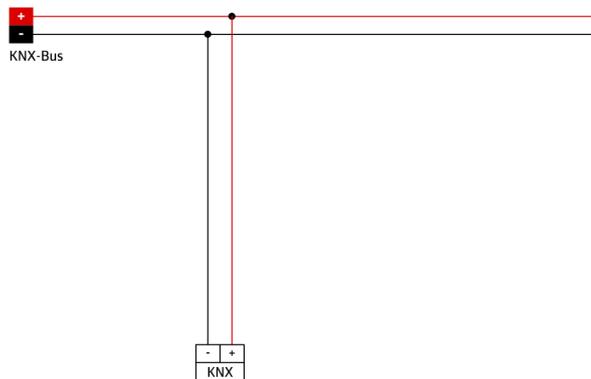
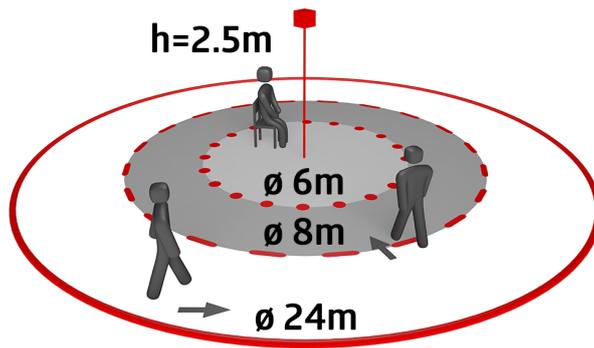
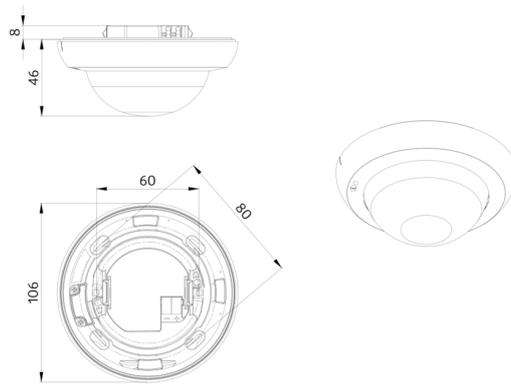
Intelligent central-off function

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



## 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: 93307

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Material color: white, similar to RAL9010