



## PD9-KNXs-GH-DX-FC

Prod.No. 93521 EAN: 4007529935215

- Voltage: via KNX BUS
- Dimensions: Sensor head: Ø 45 x 40 mm,  
Power supply: 129 x 29 x 22 mm
- Typ. power input: 12 mA

### Order data

Designation	Colour	Art.No
PD9-KNXs-GH-DX-FC	white	93521

### 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
Cover ring PD9 Ø 36 mm	anthracite	92235
Cover ring PD9 Ø 36 mm	white	92238
Cover ring PD9 Ø 36 mm	silver	92237
Cover ring PD9 Ø 45 mm	white	92327
Cover ring PD9 Ø 45 mm	silver	92346
Square design frame PD9-FC	pure white	92993

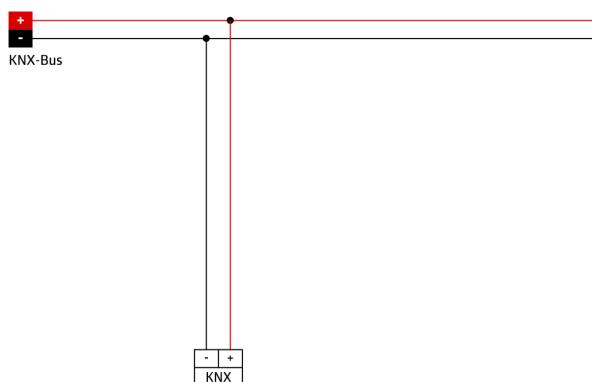
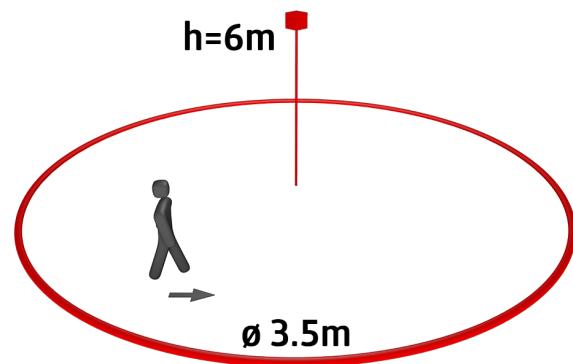
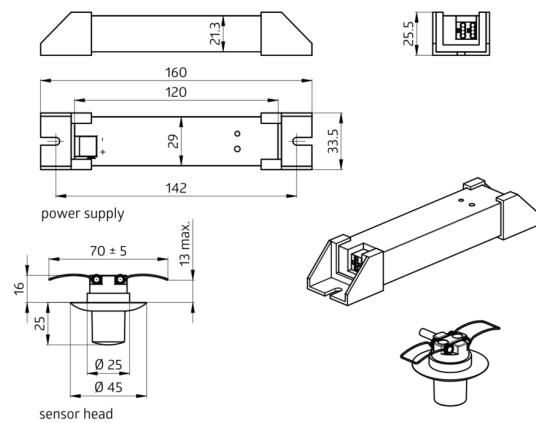
## Technical data

Voltage:	via KNX BUS	KNX mini occupancy detector with integrated KNX bus connector, especially for large mounting heights
Dimensions:	Sensor head: Ø 45 x 40 mm, Power supply: 129 x 29 x 22 mm	KNX Secure ready
Typ. power input:	12 mA	HCL/RGB control
Detection area:	horizontal 360° (Ceiling mounting)	Parameterisation from ETS 5 for integration into KNX systems
Range:	max. Ø 3.5 m across	Individual adaption of the PIR sensor sensitivity
Monitored area (tangential movement):	9 m <sup>2</sup> / 6 m mounting height	Mixed light measurement using internal and remote (optional) light sensors
Mounting height min./max./recommended:	5 m / 10 m / 6 m	Intelligent semi-automatic mode, occupancy-independent regulating mode (photoelectric switch), full automatic mode
Degree / class of protection:	IP20 / Class III	1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs
Impact strength:	IK04	Regulation of up to three lighting groups using offset (external influence possible)
Temperature measurement range:	-5 °C to +45 °C	Short presence, self-adjusting follow-up time, corridor function
Ambient temperature:	-25 °C to +55 °C	Various locking functions
Housing:	polycarbonate, UV-resistant	Soft-start
Number of light sensors:	1	Two logic modules
Material color:	white mat, similar to RAL9010	Recall of light scenes
Number of PIR sensors:	1	Deactivatable status indicators
KNX TP 256:	Yes	The product database for import into the ETS database can be downloaded from the B.E.G. homepage.
KNX Secure:	Yes	Detection area can be extended thanks to master-slave-mode
Cable length:	45 cm	Extensive optimization options for light measurement
Orientation light:	5 - 100 % / OFF / 1 min - 255 min	Measured light value is communicated to the bus
Night light:	5 - 100 %	Adaption of dimming curve
Brightness set value:	5 - 2000 Lux	Bidirectionally remote control-capable with the IR adapter and the B.E.G. smartphone app

## Product information

Via KNX BUS	KNX mini occupancy detector with integrated KNX bus connector, especially for large mounting heights
Sensor head: Ø 45 x 40 mm, Power supply: 129 x 29 x 22 mm	KNX Secure ready
12 mA	HCL/RGB control
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polycarbonate, UV-resistant	Soft-start
1	Two logic modules
white mat, similar to RAL9010	Recall of light scenes
1	Deactivatable status indicators
Yes	The product database for import into the ETS database can be downloaded from the B.E.G. homepage.
Yes	Detection area can be extended thanks to master-slave-mode
45 cm	Extensive optimization options for light measurement
5 - 100 % / OFF / 1 min - 255 min	Measured light value is communicated to the bus
5 - 100 %	Adaption of dimming curve
5 - 2000 Lux	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  
**Typical application:** Monitoring of industry halls and staircases



## 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: -



### Cover ring PD9 Ø 36 mm

Art.No: 92235

Dimensions: Ø 36 mm

Housing: polycarbonate, UV-resistant

Material color: anthracite glossy



### Cover ring PD9 Ø 36 mm

Art.No: 92238

Dimensions: Ø 36 mm

Housing: polycarbonate, UV-resistant

Material color: white glossy



### Cover ring PD9 Ø 36 mm

Art.No: 92237

Dimensions: Ø 36 mm

Housing: polycarbonate, UV-resistant

Material color: silver glossy



### Cover ring PD9 Ø 45 mm

Art.No: 92327

Dimensions: Ø 45 mm

Material color: white mat

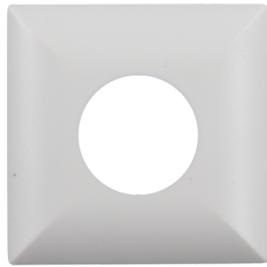


### Cover ring PD9 Ø 45 mm

Art.No: 92346

Dimensions: Ø 45 mm

Material color: silver mat



**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