

B.E.G.**LUXOMAT® net**

PD9-KNX-DX-FC

Prod.No. 93390 EAN: 4007529933907

KNX mini occupancy detector with integrated bus connector

1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs

Two logic modules

Order data

Designation	Colour	Art.No
PD9-KNX-DX-FC		93390

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
IR-PD-KNX	-	92123
IR-PD-KNX-Mini	-	93398
Cover IP65 for Sensor head PD9	transparent	92958
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
Dimensions:	Sensor head: Ø 45 x 28 mm, Power supply: 129 x 29 x 22 mm
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:	78 m ² / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 5 m / 2.5 m
Mounting height min./max./recommended:	IP20 / Class III
Degree / class of protection:	IK03
Impact strength:	-5 °C to +45 °C
Temperature measurement range:	-25 °C to +55 °C
Ambient temperature:	polycarbonate, UV-resistant
Housing:	white mat, similar to RAL9010
Material color:	1
Number of light sensors:	1
Number of PIR sensors:	Yes
KNX TP 256:	45 cm
Cable length:	5 - 100 % / OFF / 1 min - 255 min
Orientation light:	5 - 100 %
Night light:	5 - 2000 Lux
Brightness set value:	

Product information

KNX mini occupancy detector with integrated bus connector
1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs
Intelligent semi-automatic mode, occupancy-independent regulating mode (photoelectric switch), full automatic mode
Two logic modules
Individual adaption of the PIR sensor sensitivity
Measuring of mixed light thanks to internal light sensor
Various locking functions
Status LEDs can be activated / deactivated
Programming button (phys. address) can be operated via remote control
Regulation/switching of three light groups via offset (external influence possible)
Short presence, self-adjusting follow-up time, corridor function
Recall of light scenes
Temperature sensor
HVAC mode (0=automatic, 1=comfort, 2=stand-by, 3=economy, 4=antifreeze/heat protection)
5 button remote control, programmable at choice (accessory)
Occupancy simulation
Detection area can be extended thanks to master-slave-mode
Extensive optimization options for light measurement
Measured light value is communicated to the bus
IR remote control-capable via IR remote control (optionally)
PIN code
Manual influence via external KNX push buttons possible
Function control (heartbeat, cyclical sending)
Forced switch-off
Intelligent central-off function
Premonition of switch-off
Behaviour upon bus voltage return definable at choice
Variable safety pause after switching off the lights
Settings ex ETS 4 for integration in KNX systems
The product database for import into the ETS database can be downloaded from the B.E.G. homepage.

Adaption of dimming curve

Determination of the reflection factor, e.g. on a desk, with the optional BLE-IR-Adapter

Burn-in function for fluorescent lamps selectable from 1h till 100h

Soft-start

Spring clips for quick and easy installation in suspended ceilings

Includes blinds and clamp ring for installation into light fittings

Application examples:

small offices, 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



Cover IP65 for Sensor head PD9
Art.No: 92958

Degree / class of protection: IP65
Housing: UV-resistant
Material color: transparent



Cover ring PD9 Ø 36 mm
Art.No: 92237

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-resistant
Material color: silver glossy



IR-PD-KNX
Art.No: 92123

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 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 45 mm
Art.No: 92327

Dimensions: Ø 45 mm
Material color: white mat



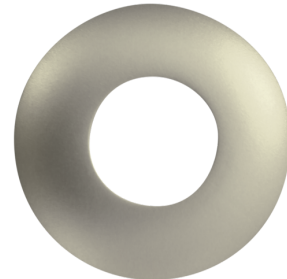
IR-PD-KNX-Mini
Art.No: 93398

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 57 x 35 x 7 mm
Material color: -



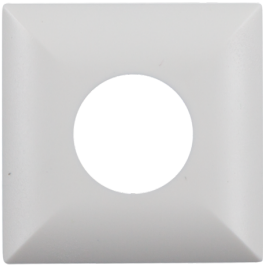
Cover ring PD9 Ø 36 mm
Art.No: 92238

Dimensions: Ø 36 mm
Housing: polycarbonate, UV-resistant
Material color: white glossy



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