B.E.G. LUXOMAT® net



PD4N-KNXs-BA-FM Set 93536-93742-92199

KNX PIR motion detector (Basic) with 360° coverage and a range of up to Ø24m (450 m²)

Order data

Designation	Colour	Art.No
PD4N-KNXs-BA-FM	white	93536
Corridor lens PD4N type A, Cover ring	traffic white	93742
Wire basket BSK (Ø 200 x 90 mm)	white	92199

Technical data

Voltage:	via KNX BUS
Dimensions:	**Ø 200 x 90 mm (92199)**
Typ. power input:	12 mA
Detection area:	**horizontal 360° (Ceiling mounting) (93742)**
Range:	**max. Ø 40 m across max. Ø 20 m towards (93742)**
Monitored area (tangential movement):	**250 m² / 2.5 m mounting height (93742)**
Mounting height min./max./recommended:	**2.4 m / 2.6 m / 2.5 m (93742)**
Degree / class of protection:	IP20 / Class III
Impact strength:	**IK09 (92199)**
Ambient temperature:	-25 °C to +55 °C
Housing:	**polycarbonate, UV-resistant + coated steel basket (92199)**
Material color:	**traffic white mat, similar to RAL9016 (93742)**
Number of light sensors:	2
Number of PIR sensors:	4
KNX TP 256:	Yes
KNX Secure:	Yes
Brightness set value:	5 – 2000 Lux

Product information

Set : PD4N-KNXs-BA-FM + Corridor lens PD4N type A, Cover ring traffic white mat, similar to RAL9016 + Wire basket BSK (Ø 200 x 90 mm) white

KNX occupancy detector with integrated KNX bus connector

KNX Secure ready

Individual adaption of detection sensitivity for each PIR sensor

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

Soft-start

Deactivatable status indicators

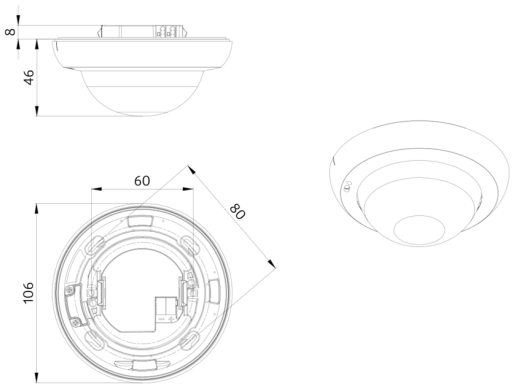
Detection area can be extended thanks to master-slave-mode

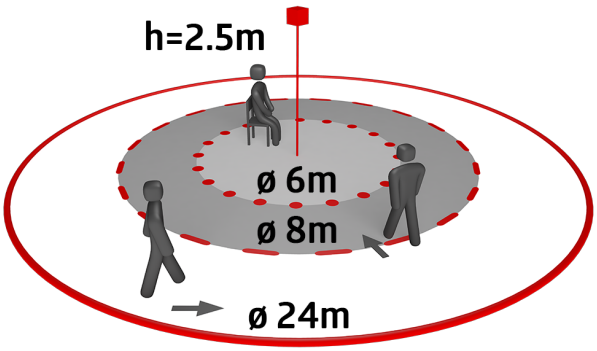
Extensive optimization options for light measurement

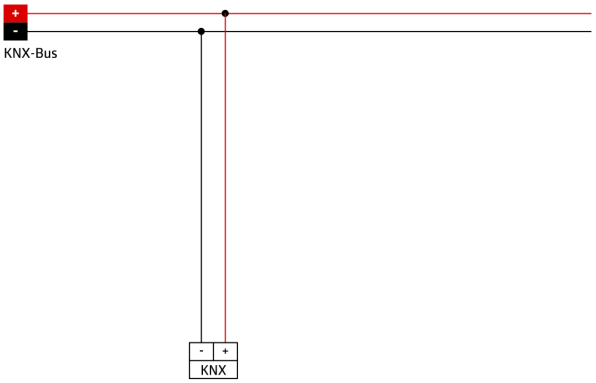
Measured light value is communicated to the bus

Manual influence via external KNX push buttons possible

Behaviour upon bus voltage return definable at choice


8
46
60
80
106


h=2.5m
ø 6m
ø 8m
ø 24m


+
-
KNX-Bus
-
+
KNX

Set items

To receive the bundle according to the technical specification, please order the items listed.



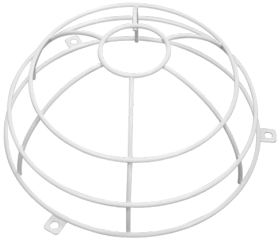
PD4N-KNXs-BA-FM
Art.No: 93536

Voltage: via KNX BUS
Dimensions: Ø 106 x 55 mm
Typ. power input: 12 mA



Corridor lens PD4N type A, Cover ring
Art.No: 93742

Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 40 m across
max. Ø 20 m towards
Monitored area (tangential movement): 250 m² / 2.5 m mounting height



Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket