B.E.G. LUXOMAT® net



PD4N-KNXs-BA-FC Set 93535-93307-93073

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

Order data

Designation	Colour	Art.No
PD4N-KNXs-BA-FC	white	93535
SM socle mounting set IP54 PD2N- / PD4N-FM	white	93307
Corridor lens PD4N type A	white	93073

Technical data

Voltage:	via KNX BUS
Dimensions:	**Ø 106 x 74 mm + Ø 109 x 19 mm (93307)**
Typ. power input:	12 mA
Detection area:	**horizontal 360° (Ceiling mounting) (93073)**
Range:	**max. Ø 40 m across max. Ø 20 m towards (93073)**
Monitored area (tangential movement):	**250 m² / 2.5 m mounting height (93073)**
Mounting height min./max./recommended:	**2.4 m / 2.6 m / 2.5 m (93073)**
Degree / class of protection:	**IP20 / Class III + IP54 (93307)**
Impact strength:	IK04
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant
Material color:	**white, similar to RAL9010 (93073)**
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-FC + SM socle mounting set IP54 PD2N- / PD4N-FM white, similar to RAL9010 + Corridor lens PD4N type A white, similar to RAL9010

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

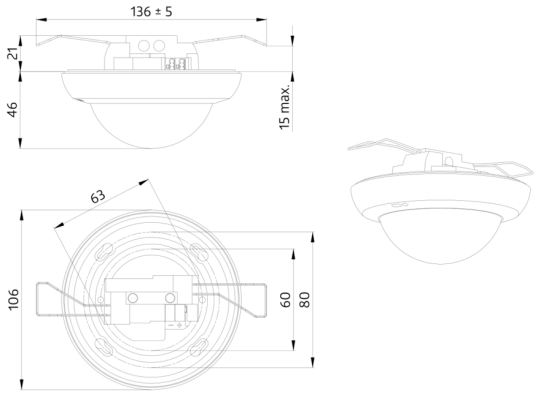
Detection area can be extended thanks to master-slave-mode

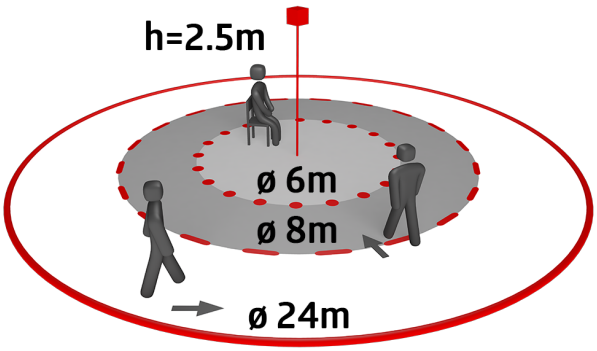
Extensive optimization options for light measurement

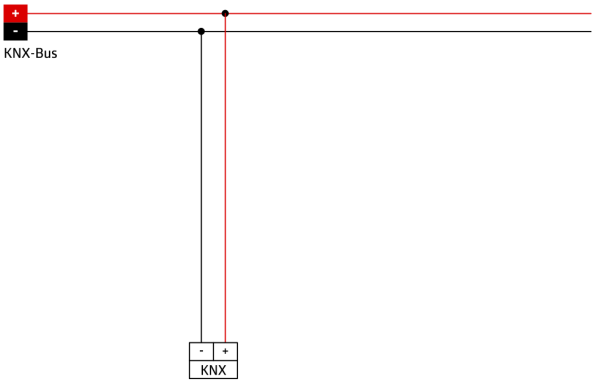
Measured light value is communicated to the bus

Manual influence via external KNX push buttons possible

Behaviour upon bus voltage return definable at choice


136 ± 5
21
46
15 max.
63
106
60
80


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-FC
Art.No: 93535

Voltage: via KNX BUS
Dimensions: Ø 106 x 74 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



Corridor lens PD4N type A
Art.No: 93073

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