

**B.E.G.****LUXOMAT<sup>®</sup>net**

## PD2N-KNXs-BA-FC

Prod.No. 93533 EAN: 4007529935338

- Voltage: via KNX BUS
- Dimensions: Ø 83 x 55 mm
- Typ. power input: 12 mA

### Order data

Designation	Colour	Art.No
PD2N-KNXs-BA-FC	white	93533

### Accessories

Designation	Colour	Art.No
SM socle mounting set IP54 PD2N- / PD4N-FM	black	93753
SM socle mounting set IP54 PD2N- / PD4N-FM	traffic white	93752
SM socle mounting set IP54 PD2N- / PD4N-FM	anthracite	93751
SM socle mounting set IP54 PD2N- / PD4N-FM	white	93307
Cover ring PD2N FC	black	93773
Cover ring PD2N FC	traffic white	93772
Cover ring PD2N FC	anthracite	93771
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Wall holder PD2N/4N Typ A	white	93164

## Technical data

Voltage:	via KNX BUS
Dimensions:	Ø 83 x 55 mm
Typ. power input:	12 mA
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across
Range:	max. Ø 6 m towards max. Ø 4 m seated
Monitored area (tangential movement):	78 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class III
Impact strength:	IK05
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant
Number of light sensors:	2
Material color:	white mat, similar to RAL9010
Number of PIR sensors:	1
KNX TP 256:	Yes
KNX Secure:	Yes
Brightness set value:	5 – 2000 Lux

## Product information

KNX occupancy detector with integrated KNX bus connector

KNX Secure ready

Individual adaption of the PIR sensor sensitivity

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

### Typical applications:

Offices, conference rooms, schools, nursery schools, hospitals



## Accessories



**SM socle mounting set IP54  
PD2N- / PD4N-FM**  
Art.No: 93753

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



**SM socle mounting set IP54  
PD2N- / PD4N-FM**  
Art.No: 93752

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



**SM socle mounting set IP54  
PD2N- / PD4N-FM**  
Art.No: 93751

Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



**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



**Cover ring PD2N FC**  
Art.No: 93773

Dimensions: Ø 82 x 13 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



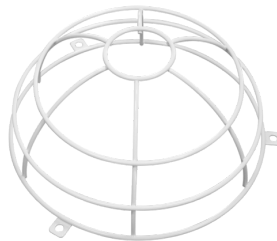
**Cover ring PD2N FC**  
Art.No: 93772

Dimensions: Ø 82 x 13 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



**Cover ring PD2N FC**  
Art.No: 93771

Dimensions: Ø 82 x 13 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



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

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



**Wall holder PD2N/4N Typ A**  
Art.No: 93164

Dimensions: 133 x 106 x 66 mm  
Degree / class of protection: IP54 /  
Housing: polycarbonate, UV-resistant