



**PD2N-KNXs-BA-FM Set**  
**93534-93751-93761-92**  
**199**

KNX PIR motion detector (Basic) with 360°  
detection and a range of up to Ø10m (78 m<sup>2</sup>)

**Order data**

<b>Designation</b>	<b>Colour</b>	<b>Art.No</b>
PD2N-KNXs-BA-FM	white	93534
SM socle mounting set IP54 PD2N- / PD4N-FM	anthracite	93751
Cover ring PD2N FM	anthracite	93761
Wire basket BSK (Ø 200 x 90 mm)	white	92199

## Technical data

Voltage:	via KNX BUS
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
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:	
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:	<b>IP20 / Class III + IP54 (93751)</b>
Impact strength:	<b>IK09 (92199)</b>
Ambient temperature:	-25 °C to +55 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199) anthracite mat, similar to RAL7016 (93761)</b>
Material color:	
Number of light sensors:	2
Number of PIR sensors:	1
KNX TP 256:	Yes
KNX Secure:	Yes
Brightness set value:	5 – 2000 Lux

## Product information

Set : PD2N-KNXs-BA-FM + SM socle mounting set  
IP54 PD2N- / PD4N-FM anthracite mat, similar to RAL7016 + Cover ring PD2N FM anthracite mat, similar to RAL7016 + Wire basket BSK (Ø 200 x 90 mm) white

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



## Set items

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



### **PD2N-KNXs-BA-FM**

Art.No: 93534

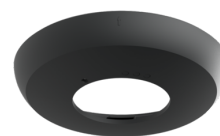
Voltage: via KNX BUS  
Dimensions: Ø 106 x 42 mm  
Typ. power input: 12 mA



### **SM socle mounting set IP54 PD2N- / PD4N-FM**

Art.No: 93751

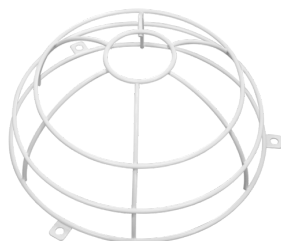
Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



### **Cover ring PD2N FM**

Art.No: 93761

Dimensions: Ø 106 x 20 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