

**B.E.G.****LUXOMAT®** net

## PD4N-BMS DALI-2 Set 93546-93733-92199

DALI-2 (BMS) PIR motion detector with 360° coverage and a range of up to Ø24m (450 m²), DALI-2 input device

### Order data

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| PD4N-BMS DALI-2                 | white  | 93546  |
| lens PD4N, Cover ring           | black  | 93733  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |

## Technical data

|   |  |
|---|--|
| Voltage:                                  | via DALI Bus,<br>max. 22.5 V DC  |
| Dimensions:                               | <b>Ø 200 x 90 mm<br/>(92199)</b>   |
| Settings:                                 | via DALI-Bus and<br>application<br>which supports<br>DALI<br>multisensors<br>according to<br>IEC62386, parts<br>101, 103, 303<br>and 304 |
| Typ. power input:                         | 7 mA   |
| Settling time:                            | 200 ms   |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)<br>max. Ø 24 m<br>across<br>max. Ø 8 m<br>towards<br>max. Ø 6.4 m<br>seated                     |
| Range:                                    |  |
| Monitored area<br>(tangential movement):  | 450 m <sup>2</sup> / 2.5 m<br>mounting height  |
| Mounting height<br>min./max./recommended: | 2 m / 10 m / 2.5<br>m  |
| Degree / class of<br>protection:          | IP20 / Class II  |
| Impact strength:                          | <b>IK09 (92199)</b>  |
| Measured light output:                    | 0 - 4095 Lux,<br>Mixed light<br>measuring  |
| Ambient temperature:                      | -25 °C to +55 °C   |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b>   |
| Material color:                           | <b>black mat,<br/>similar to<br/>RAL9005<br/>(93733)</b>   |

## Product information

Set : PD4N-BMS DALI-2 + lens PD4N, Cover ring  
black mat, similar to RAL9005 + Wire basket BSK (Ø  
200 x 90 mm) white

Long-range DALI-2 multisensor (input device)

DALI-2 certified product

Powered via DALI bus

Bright LED indication for commissioning

DALI multimaster technology according to IEC 62386 part 103

Instance 0 provides information regarding occupancy and  
movement for the DALI-Bus according to IEC 62386 part 303

Instance 1 provides LUX values for the DALI-Bus according to  
IEC 62386 part 304

Parameterisation is possible via mandatory Multimaster-  
Application-Controller of any manufacturer. This controller  
must support IEC 62386 parts 101/103/303/304.

Mixed light measurement with internal and external light  
sensor

Suitable for mounting in false ceilings and flush-mounting

Accessory for surface mounting available

Detection area can be restricted with blinds

Individual adaption of detection sensitivity for each PIR sensor

Status LEDs can be activated / deactivated



## Set items

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



### PD4N-BMS DALI-2

Art.No: 93546

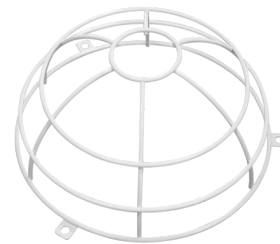
Voltage: via DALI Bus, max. 22.5 V DC  
Dimensions: Ø 106 x 68 mm  
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



### lens PD4N, Cover ring

Art.No: 93733

Detection area: horizontal 360°  
(Ceiling mounting)  
Range: max. Ø 24 m across  
max. Ø 8 m towards  
max. Ø 6.4 m seated  
Monitored area (tangential movement): 450 m<sup>2</sup> / 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