

**B.E.G.****LUXOMAT®**

## PD4-M-1C-GH-SM Set 92245-92161

Occupancy detector designed for high-bay warehouses

One potential-free (dry) switching contact

Version as master device

### Order data

**Designation**

PD4-M-1C-GH-SM

SM socket IP54 for PD2- / PD4-SM

**Colour**

white

white

**Art.No**

92245

92161

### Areas of application

- high-bay warehouse
- sports halls/ storage rooms

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	Ø 98 x 63 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° oval (Ceiling mounting)
Range:	30 m x 19 m
Monitored area (tangential movement):	440 m <sup>2</sup> / 14 m mounting height
Mounting height min./max./recommended:	5 m / 16 m / 14 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control, potential-free (dry))

Switching power:	2300 W, $\cos \varphi$ = 1 1150 VA, $\cos \varphi$ = 0.5 800 W LED max. inrush current $I_p$ (20 ms) = 165 A max. inrush current $I_p$ (200 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -contact, dry NO contact with tungsten pre-make contact
Follow-up time:	15 sec - 30 min, Pulse
Switch-on threshold:	20 - 2000 Lux
Light measuring:	Mixed light measuring

## Product information

Set : PD4-M-1C-GH-SM + SM socket IP54 for PD2- /  
PD4-SM white, similar to RAL9010

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One potential-free (dry) switching contact

Version as master device

Detection area can be extended by using slave devices

### Easy operation with remote control (required)

Manual switching via push-button possible

There are markings to ensure correct alignment during  
installation

**When used in high-bay warehouses, care should be  
taken that, in the cross-aisles of the warehouse,  
detectors are installed that can detect movement only  
in the desired aisle locations, by using blinds or other  
technical arrangements.**

Factory settings 3 min and 1000 lux





## Set items

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



### **PD4-M-1C-GH-SM**

Art.No: 92245

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 98 x 63 mm

Power consumption: approx. 0.5 W



### **SM socket IP54 for PD2- / PD4-SM**

Art.No: 92161

Dimensions: Ø 100 x 15 mm

Degree / class of protection: IP54

Housing: polycarbonate, UV-resistant