

**B.E.G.****LUXOMAT®**

## PD3N-1C-FM Set 92186-93087

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

### Order data

Designation	Colour	Art.No
PD3N-1C-FM	white	92186
Cover ring PD3N FM	jet black	93087

### Areas of application

- toilets
- equipment rooms
- corridors/hallways
- staircases

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	Ø 106 x 63 mm
Power consumption:	approx. 0.5 W
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:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	<b>jet black mat, similar to RAL9005 (93087)</b>

### Channel 1 (lighting control)

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, NO contact with tungsten pre- make contact
Follow-up time:	15 sec - 30 min, Pulse
Switch-on threshold:	10 - 2000 Lux

## Product information

Set : PD3N-1C-FM + Cover ring PD3N FM jet black  
mat, similar to RAL9005

Remote control-capable ceiling motion detector

One channel for light switching

Zero crossing switching

Special optical system for detection of even the smallest  
movements

Uninterrupted parallel circuit detection of several detectors

Manual switching via push-button possible

Additional functions can be set up using the optional remote  
control.

Factory settings 10 min and 500 lux



## Set items

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



### **PD3N-1C-FM**

Art.No: 92186

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 106 x 63 mm

Power consumption: approx. 0.5 W



### **Cover ring PD3N FM**

Art.No: 93087

Dimensions: Ø 106 x 17 mm

Housing: polycarbonate, UV-resistant

Material color: jet black mat, similar to RAL9005