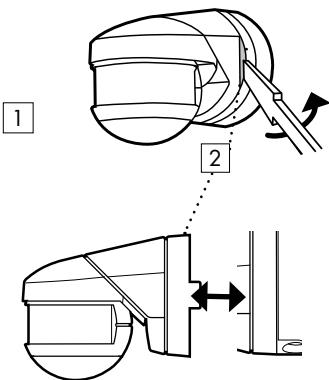


B.E.G.

LUXOMAT® RC-plus next 230 KNX/EIB

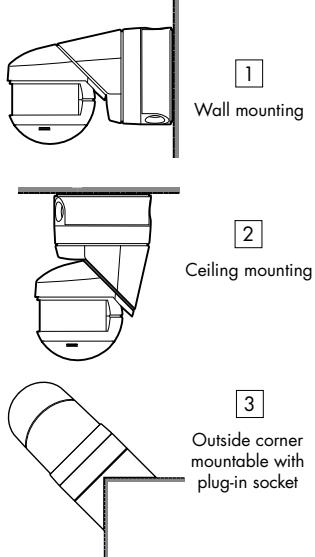
Operating and mounting instructions for motion detector LUXOMAT® RC-plus next 230 KNX/EIB

1 Mounting preparations

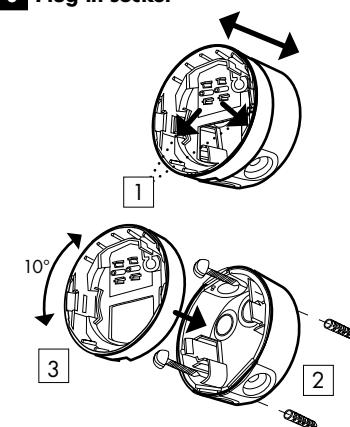


- 1) Please be aware, that the RC-plus next 230 KNX/EIB is not suitable as an intrusion detector, since it is not equipped with a tamper contact according VDS.
- 2) Socket base corner mounting

2 Mounting types

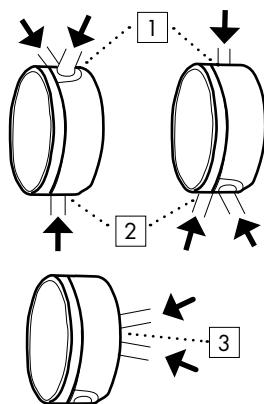


3 Plug-in socket



- 1) Press here for separation of terminal case and plug-in socket.
- 2) Mount the plug-in socket with two screws and the enclosed seal rings on a firm base (pay attention to inserting of the connection cable, see point 4).
- 3) Imprint the terminal case on plug-in socket. The terminal case on the plug-in socket is rotatable up to 10° for fine adjustment of the motion detector.

4 Inserting of the connection cable



- 1) Connection cable from top/down
- 2) Connection cable from below
- 3) Connection cable from behind

5 Putting into operation / Settings

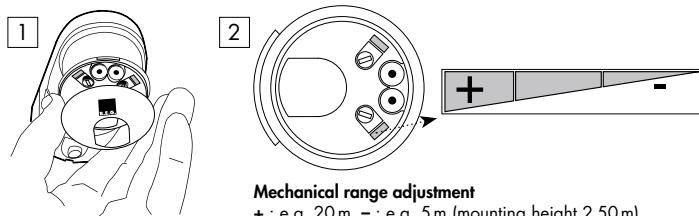
In connection with the application program BEG_SWI_HKL_V3.1 there are 3 different modes available.

The application has already been loaded. Please load the following data partially:

- Physical address
- Group address
- Parameter

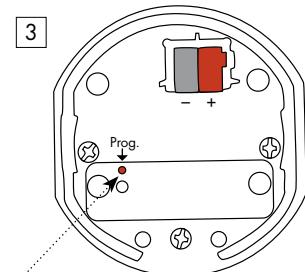
Product data bank to be imported in the ETS data base is included in the delivery or can be downloaded from the B.E.G. homepage.

Please refer to the application description for details of application programming and the communication objects!

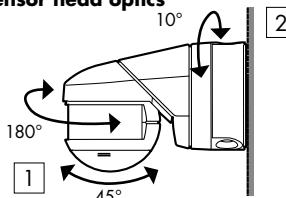


Mechanical range adjustment

+ : e.g. 20 m, - : e.g. 5 m (mounting height 2.50 m)
(RC-plus next 230 KNX/EIB: 2 zones, see point 7)



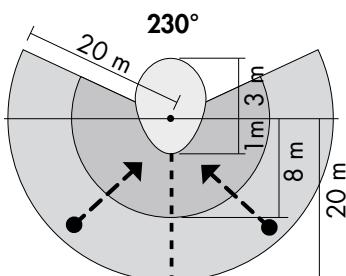
6 Sensor head optics



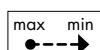
- 1) Change range or sensitivity adjustments by swivelling of the sensor head vertically or horizontally (Sensor head horizontally = max. range)
- 2) Fine adjustment of sensor axis

7 Sensitivity adjustment (mounting height 2.50 m)

(Sensor head justified horizontally, see point 6)

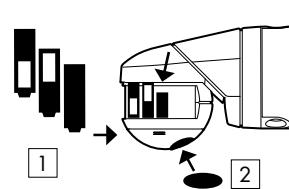


- 1) Range walking across: e.g. 20 m
- 2) Range walking towards: e.g. 7-8 m
- 3) Anti-creep: e.g. 1-3 m



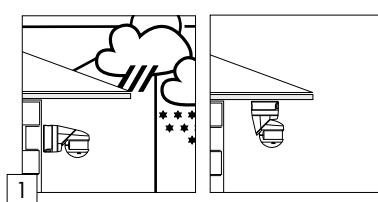
Mechanical range adjustment possible for every zone separately (see point 5)

8 Exclude sources of interference

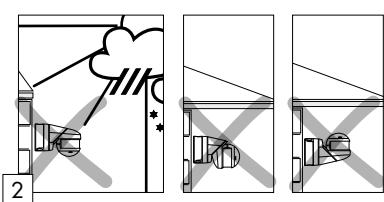


- 1) Push in cover-up clips on marked place (blind out distant range/close-up range/both)
- 2) Cover-up stickers for Anti-creep

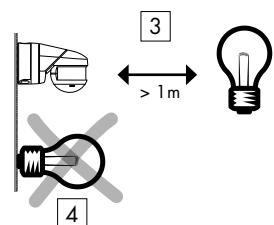
9 Mounting place



- 1) If possible mount unit on a safe place (wall or ceiling mount)



- 2) Influence of weather reduces the lifetime of the unit. Please take care to mount correctly.



- 3) Minimum distance to switched lighting, frontally or laterally to device: 1 m
- 4) Never mount the connected lights below the motion detector!

10 Article / Part nr. / Accessory

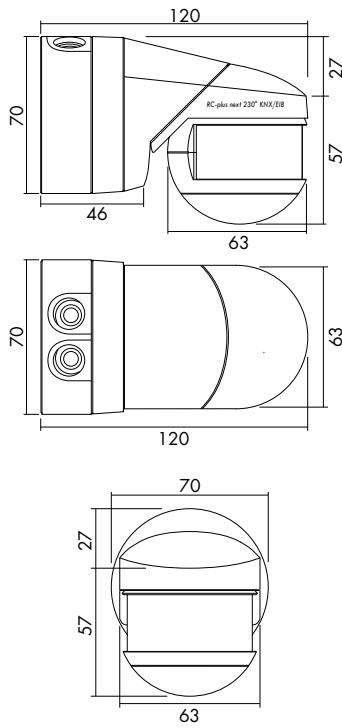
LUXOMAT® Motion detector:

RC-plus next 230 KNX/EIB white: 97052
RC-plus next 230 KNX/EIB black: 97053

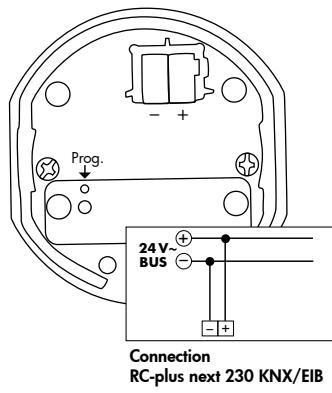
LUXOMAT® Socket base for corner mounting:

RC-plus next ES white: 97004
RC-plus next ES black: 97024

11 Dimensions (mm)



12 RC-plus next 230 KNX/EIB Connections



13 Technical data

Sensor and power supply in one case

Power supply: 24 VDC from KNX/EIB-BUS system

Current absorption: 10 mA

Ambient temperature: -20°C – +50°C

Range: e.g. 20 m

Mounting height: 2 – 3 m

Detection area: 230°, 360° anti-creep protection

Degree of protection/class: IP54 / II

Adjustments: about ETS system software

Dimensions: 120 x 84 x 70 mm

Material: UV-stabilised Polycarbonate

Colours: white/black

Mounting types: wall- and ceiling mounting, outside corner mountable with included plug-in socket as accessory

Inserting of the connection cable: once or twice from top/down, from below and from behind

Range adjustment:

> Selective mechanical adjustment for every zone

> Swivelling of the sensor head: vertically 45°, horizontally 180°, laterally 10°

> With blank-out clips (included)

 **Declaration of Conformity:** The product complies with the EMV recommendation 2004/108/EC.