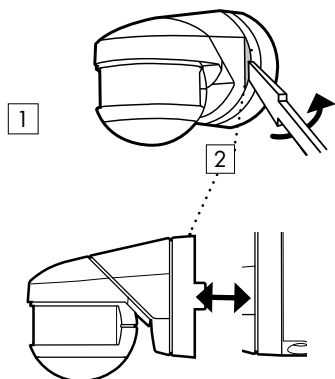


# LUXOMAT® RC-plus next 230 KNX/EIB

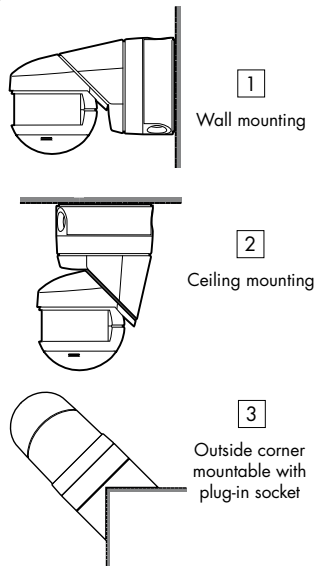
## Operating and mounting instructions for motion detector LUXOMAT® RC-plus next 230 KNX/EIB

### 1 Mounting preparations

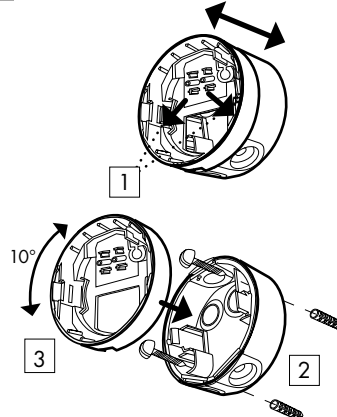


- 1) Please be aware, that the RC-plus next 230 KNX/EIB is not suitable as an intrusion detector, since it is not equipped with a tamper contact according VDS.
- 2) Socket base corner mounting

### 2 Mounting types

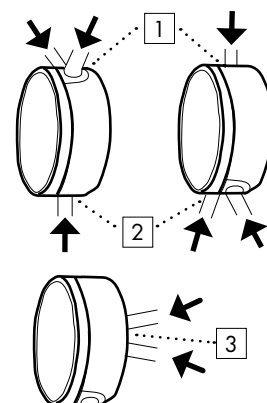


### 3 Plug-in socket



- 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

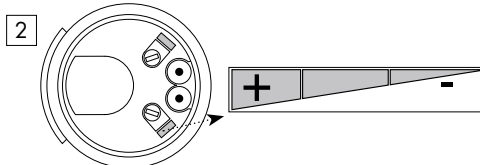
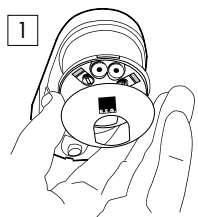
In connection with the application program BEG\_SWI\_HKL\_V3.1 there are 3 different modes available.

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

- Physical address
- Group address
- Parameter

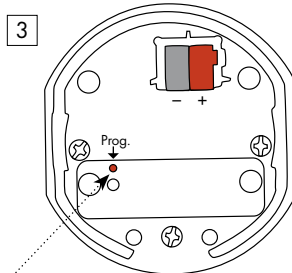
Product data bank to be imported in the ETS data base is included in the delivery or can be downloaded from the **B.E.G.** homepage.

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



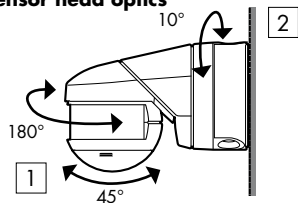
#### Mechanical range adjustment

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



- 1) Remove the covering with slightly pressure
- 2) Adjust range with screwdriver
- 3) After activation, close programming button with included cover-up sticker!

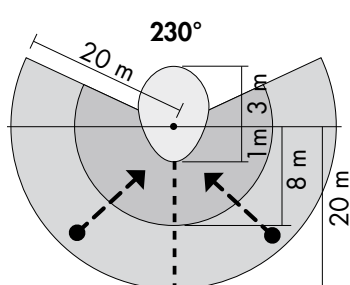
### 6 Sensor head optics



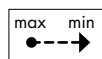
- 1) Change range or sensitivity adjustments by swivelling of the sensor head vertically or horizontally (Sensor head horizontally = max. range)
- 2) Fine adjustment of sensor axis

### 7 Sensitivity adjustment (mounting height 2.50 m)

(Sensor head justified horizontally, see point 6)

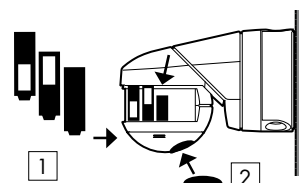


- 1) Range walking across: e.g. 20 m
- 2) Range walking towards: e.g. 7-8 m
- 3) Anti-creep: e.g. 1-3 m



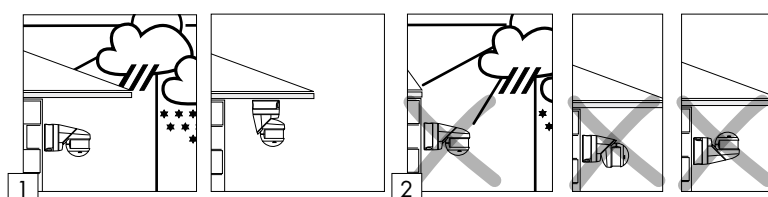
Mechanical range adjustment possible for every zone separately (see point 5)

### 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



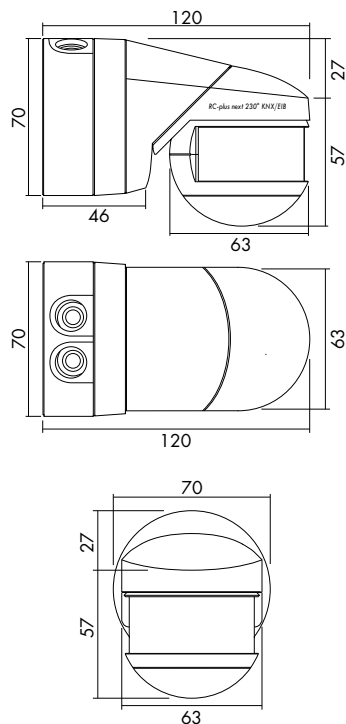
- 1) If possible mount unit on a safe place (wall or ceiling mount)
- 2) Influence of weather reduces the lifetime of the unit. Please take care to mount correctly.
- 3) Minimum distance to switched lighting, frontally or laterally to device: 1 m
- 4) Never mount the connected lights below the motion detector!

### 10 Article / Part nr. / Accessory

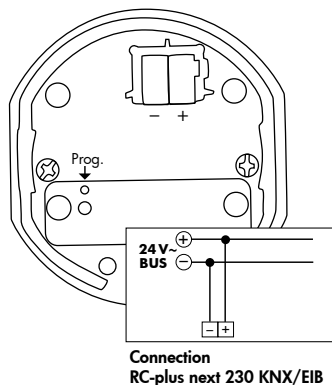
**LUXOMAT® Motion detector:**  
RC-plus next 230 KNX/EIB white: 97052  
RC-plus next 230 KNX/EIB black: 97053

**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)

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