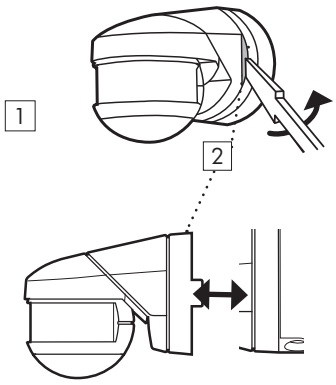
GB

KNX RC-plus next 230 KNX

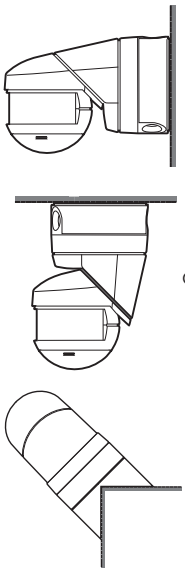
Operating and mounting instructions for motion detector KNX RC-plus next 230 KNX

1 Mounting preparations

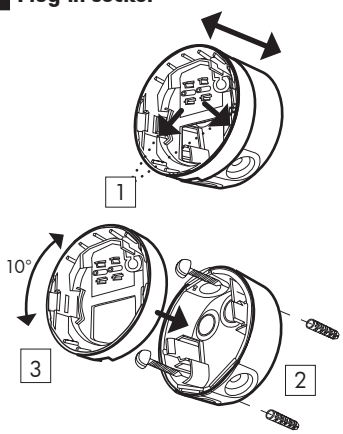


1) **Please be aware, that the RC-plus next 230 KNX is not suitable as an intrusion detector, since it is not equipped with a tamper contact according VDS.**
2) Socket base corner mounting

2 Mounting types

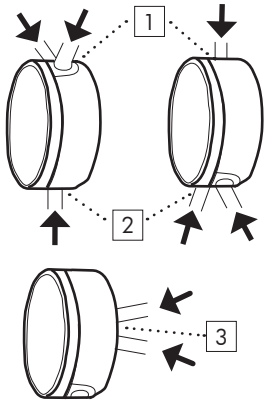


3 Plug-in socket



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

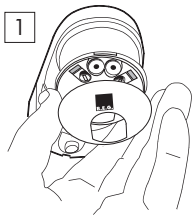
5 Putting into operation / Settings

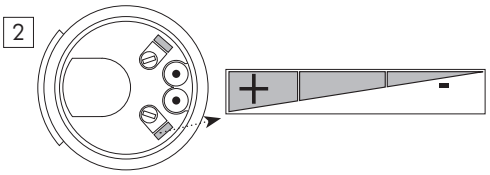
In connection with the application program **BEG_DIM_HKL_V5.0** there are different modes available.

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

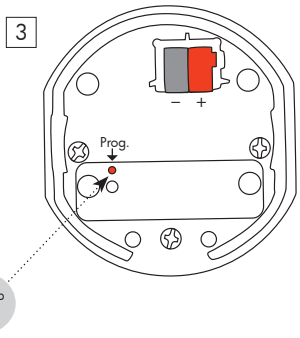
Attention: Please do not locate the detector near a heating or air condition source!

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



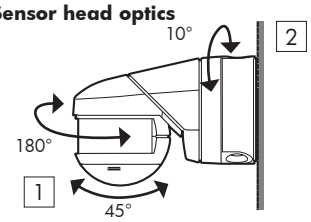


Mechanical range adjustment
+ : e.g. 20 m, – : e.g. 5 m (mounting height 2.50 m)
(RC-plus next 230 KNX: 2 zones, see point 7)



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

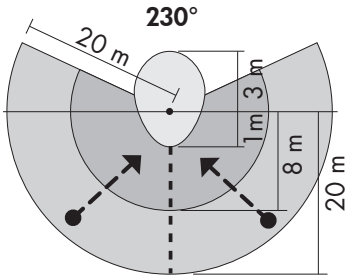
6 Sensor head optics



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)

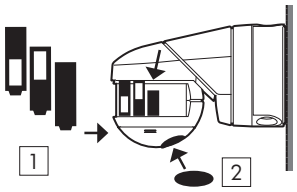
(Sensor head justified horizontally, see point 6)



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

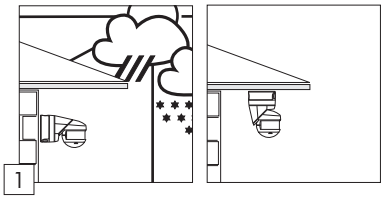
Mechanical range adjustment possible for every zone separately (see point 5)

8 Exclude sources of interference

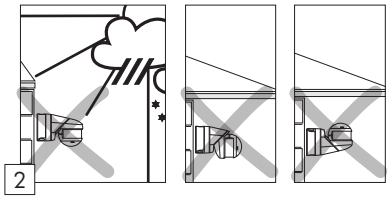


1) Push in cover-up clips on marked place (blind out distant range/close-up range/ both)
2) Cover-up stickers for Anti-creep

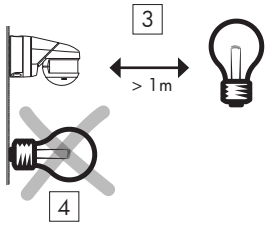
9 Mounting place



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.

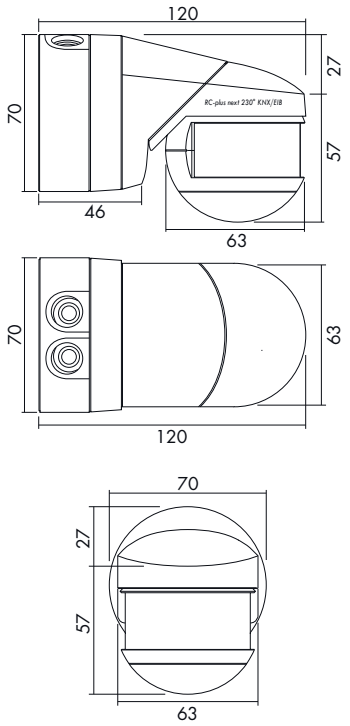


3) Minimum distance to switched lighting, frontally or laterally to device: 1 m
4) Never mount the connected lights below the motion detector!

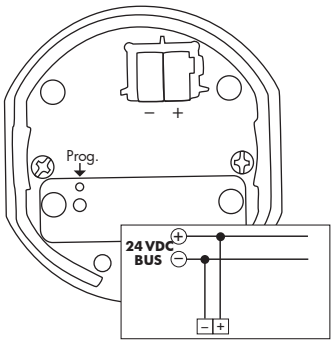
10 Article / Part nr. / Accessory

KNX Motion detector:		
RC-plus next 230 KNX	white:	92894
RC-plus next 230 KNX	black:	92895
KNX Socket base for corner mounting:		
RC-plus next ES	white:	97004
RC-plus next ES	black:	97024
Accessory:		
Wire basket BSK		92467
Remote control IR-PD-KNX		92123

11 Dimensions (mm)



12 RC-plus next 230 KNX Connections



Connection
RC-plus next 230 KNX

13 Technical data

Sensor and power supply in one case
Power supply: 24 VDC from KNX-BUS system
Current absorption: 10 mA
Ambient temperature: -25°C – +55°C
Range: e.g. 20 m
Mounting height: 2 – 3 m
Detection area: 230°, 360° anti-creep protection
Degree of protection/class: IP54 / II
Programming: about ETS 2/ 3/ 4
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:
This product respects the directives concerning

1. electromagnetic compatibility (2004/108/EU)
2. low voltage (2006/95/EU)
3. restriction of the use of certain hazardous substances in electrical and electronic equipment (2011/65/EU)

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