B.E.G. LUXOMAT[®] PD9-M-1C/S-SDB-IP65(-GH)

Installation and Operating Instruction for B.E.G. - Occupancy detectors PD9-Master-1C/-Slave-SDB-IP65(-GH)-FC

1. Mounting preparations

Work on the 230 V mains supply may only be carried out by qualified professionals or by instructed persons under the direction and supervision of qualified skilled electrical personnel in accordance with electrotechnical regulations.

Disconnect supply before installing!

When in Master/Slave mode of operation, the Master-appliance must always be installed at the location where there is least davliaht.

4. Option:



IR-PD9



Wall bracket for remote control IR-PD9



IR-PD-Mini

7. Exclude sources of interference



In case the sensing area of the LUXOMAT® PD9-M-1C-IP65(-GH) is too large or areas are being covered that should not be monitored, the range can be reduced or limited through use of the enclosed masking clips.

2a. Installation



suspended ceilings. A circular opening of diameter min. 32 mm must be produced in the ceiling.

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to

The detector has

developed specifically

Having connected the cables in accordance with the regulations, connect the power supply via the RI11 plug. Therefore, open the power supply with the help of the screws and close it afterwards. After that, put the power supply through the opening in the ceiling and mount the sensor onto the ceiling according to figure.

5. Settings by remote control

Resetting when

Deletes all values

remote control, light OFF.

en:

set with the



Unlocking device - Activation

Daytime operation, detector only

Automatic reading in the current light

value as new luminance set point

Luminance set point for channel 1

Increase the current light level by

Follow-up time (relay and channel 1)

Change between fully automatic

and semi automatic mode (HA)

Locking device - Exit programming

Permanent protection against

of the programming mode

activated by motion

20 - 1000 Lux

20 resp. 50 Lux

15 sec. - 30 min.

Light ON/OFF

red LED flashes

mode

sabotage

2c. Self test cycle



The LUXOMAT® PD9-M-1C-IP65(-GH) enters an initial 60-second self-test cycle, when the supply is first connected. The occupancy detector is ready for operation.

3. Settings carried out using remote control (optional)



emote control LUXOMAT® IR-PD9

Check Battery: Open battery compartment by pressing the plastic springs together and removing the battery-holder.

6. Key functions in closed state



Permanent protection against sabotage This function blocks the unit permanently (green LED is illuminated). This operating mode can only be activated during the period of 5 seconds after pressing the "lock" button. This status will only permit actuating the function "Light on/Light off".

- The procedure for leaving this mode is as follows:
 - 1. Switch off the current
 - Apply current for 31 59 seconds
 Switch of the current again

 - 4. Apply current
- 5. Open detector



Light on/off when closed

=> (see page 2, point 11) The light will remain switched on / off for as long as movements are detected in the areas of coverage. Once the last movement has been detected, the light will remain on for the duration of the follow-up time as per setting.

The appliance will then return independently to the mode selected (Fully or Semi-automatic).

Activation / Deactivation of the test function

Switches channel off and is immediately active again, exits all timers, interruption of light measurement

Confirmation



Changes to "open" state

9. Dimensions

PD9-M-1C-SDB-IP65

PD9-M-1C-SDB-IP65-GH







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