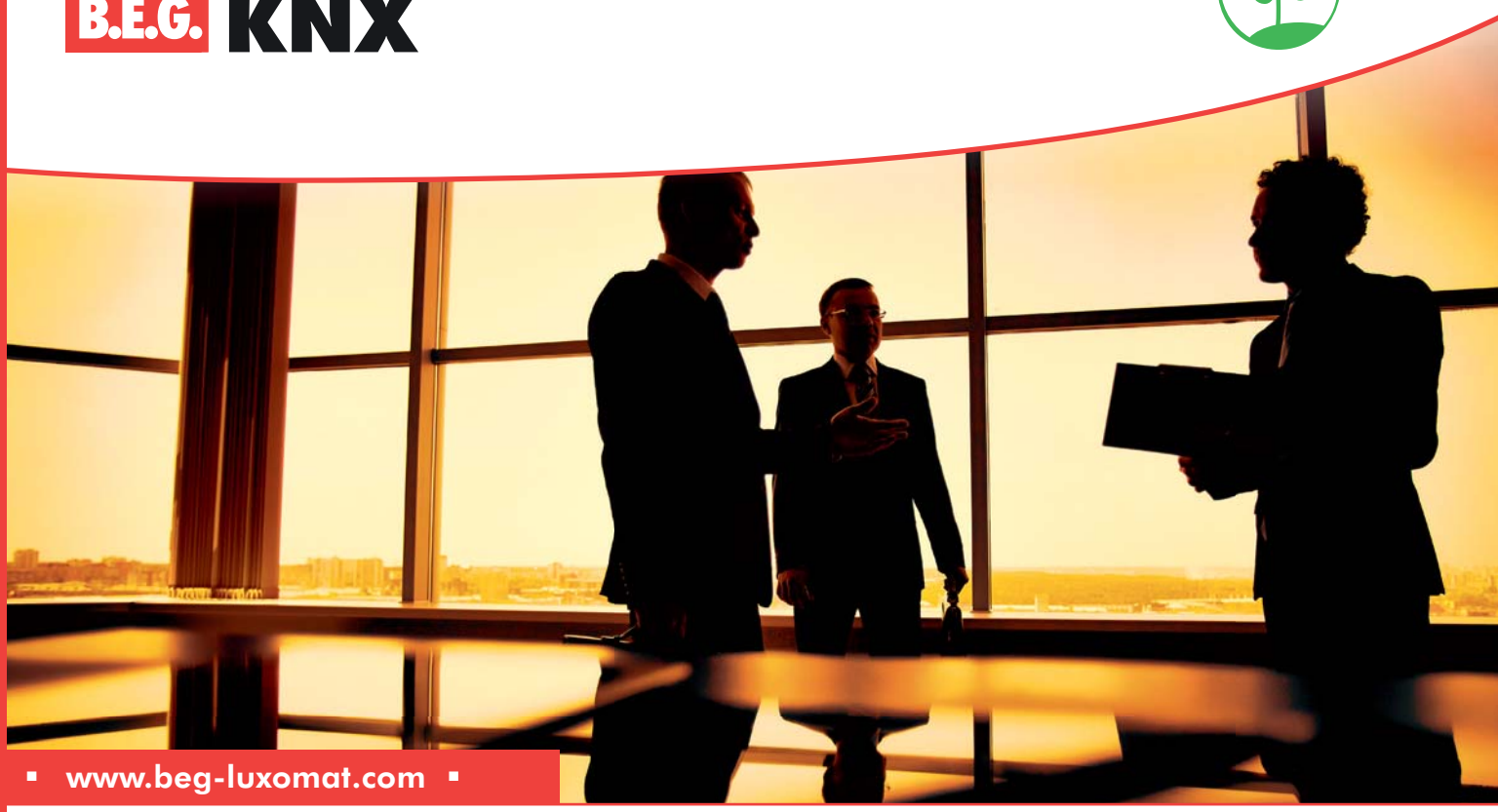
B.E.G. KNX



▪ www.beg-luxomat.com ▪

KNX SOLUTIONS FOR INTELLIGENT BUILDING CONTROL

LEGEND

A	Rated current
	Typ. power input
	Detection area
	Switching power
	Range (approx.) in m
	Lux value
IP	Degree of protection
	Dimensions
	Ambient temperature
	Housing
LED	Display elements
	Manual operation
	Power supply
	Remote controllable

Three steps to find the right device

1. Application

Page tabs sorted by use or application

2. Function

Product sequence by type description and functionality

3. Technical Data

Specification by technical data and detection area

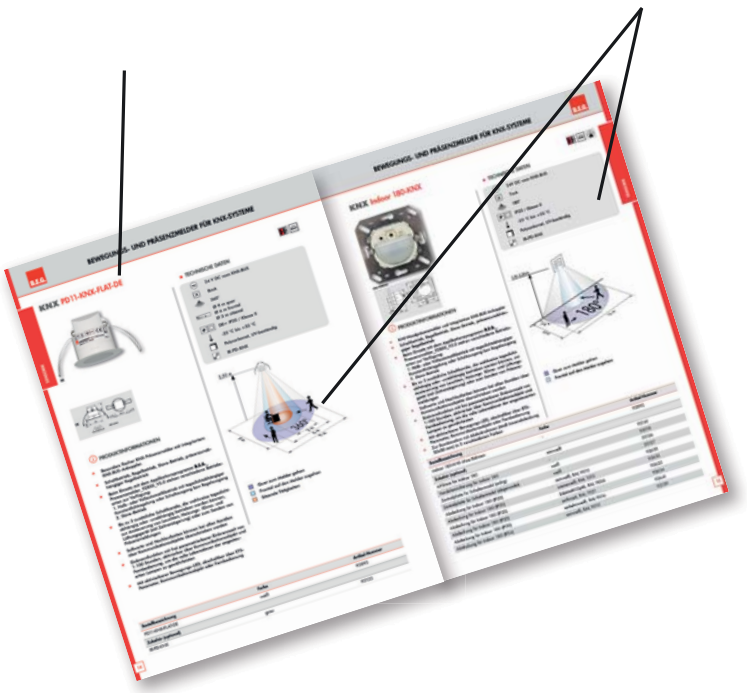


TABLE OF CONTENTS

B.E.G. Brück Electronic GmbH – a company with a tradition

Since 40 years, the family company founded in 1975 with its headquarters in Lindlar (near cologne) stands for quality and innovation with customer satisfaction at its heart.

The foundation stone of the products within the comprehensive range was the development and production of emergency lights. Shortly thereafter the production of emergency lighting systems followed.

B.E.G. was one of the first companies in Germany to commence the production of motion detectors and automatic lights in 1986. Since then, **B.E.G.** has produced several generations of motion detectors mainly for outdoor use on buildings that help increase security. The growth in automated systems for buildings and the resulting increase in the demand for intelligent control led to an expansion in our range of daylight- and presence-depending occupancy detection. The cost reduction through energy saving and the protection of the environment plus the additional comfort factor are strong arguments for the use of occupancy detectors.

The new purpose-built distribution and logistics centre with an attached production and development unit in Lindlar was commissioned in 2007.

In 2014, the new administration building has been built next to the distribution and production centre. Naturally, the new centre's building services are equipped with devices from the **B.E.G.** range: all rooms and passages are fitted with KNX occupancy detectors. For controlling DALI lights, occupancy detectors, blinds and light switches, the newly-developed KNX Room Controller RCT is used. The market for energy-efficient products, such as **B.E.G.**'s occupancy detectors, has been growing strongly for years. The new administration centre and its location next to the logistics centre offer the possibility to continue **B.E.G.**'s expansion.

In order to offer the customers a clear product structure, the product range has been divided into six product lines: **LUXOMAT®**, **LUXOMATIC®**, **B.E.G. KNX**, **B.E.G. SMARTHOME®**, **SAFETYLUX®** and **CHRONOLUX**, They emphasise **B.E.G.**'s strengths: a broad product range, individual solutions, outstanding quality, and personal service. **B.E.G.** – *The lighting control professionals.*

Today, **B.E.G.** has an excellent reputation all over Germany and internationally with a steadily increasing number of offices and representatives in many countries around the world.

Save energy in buildings effectively – with **B.E.G.** KNX

An intelligent building is made with **B.E.G.** sensors

By means of KNX, several areas of a building can be linked. In order to be able to react to the surrounding conditions, sensors are used which enter these factors into the system.

Motion and occupancy sensors are first choice for controlling the lighting. **B.E.G.** offers KNX occupancy detectors for different ranges with up to 44 m in diameter and a detection area of 360°. **B.E.G.**'s broad product range offers detectors for almost every demand.

Besides controlling the lighting, a suitable occupancy detector also offers the possibility to control CVC systems depending on presence.

In order to allow the user to influence the system manually and to override the automatic control, pushbuttons can be integrated by means of flush-mounted push button interfaces.

The KNX weather station provides an elevated comfort. It enters all information on weather, brightness, temperature and – thanks to GPS – also the exact time into the system. All information can then be used to control, for example, the shading or the shutters.

Profit from a building automation reacting independently on the surrounding conditions.

KNX motion detectors for outdoor use

Motion detector	Page	Part. no.	Wall installation	Ceiling installation	Outer corner installation	Corner socket	Motion detection	Range	Detection angle
RC-plus next 230 KNX	7	92894 – white 92895 – black	■	■	□	□	■	20 m	230°

□ Accessory necessary

KNX occupancy detectors for switching and dimming

Occupancy detector	Page				Daylight measurement	Motion detection	Range	Additional functions
PD2-KNX	8	92880	92881	92882	■	■	Ø 10 m	–
PD4-KNX	9	92883	92884	92885	■	■	Ø 24 m	–
PD4-KNX-GH	10	92889	–	–	■	■	Ø 44 m	for high-bay storages
PD4-KNX-C	11	92886	92887	92888	■	■	Ø 40 m	Corridor detector
PD9-KNX	12	–	92890	–	■	■	Ø 10 m	Mini detector
PD9-KNX-GH	13	–	92891	–	■	■	Ø 6 m	for high-bay storages
PD11-KNX-FLAT	14	–	92893	–	■	■	Ø 8 m	–
Indoor 180-KNX	15	–	–	92892	■	■	max. r = 10 m	–

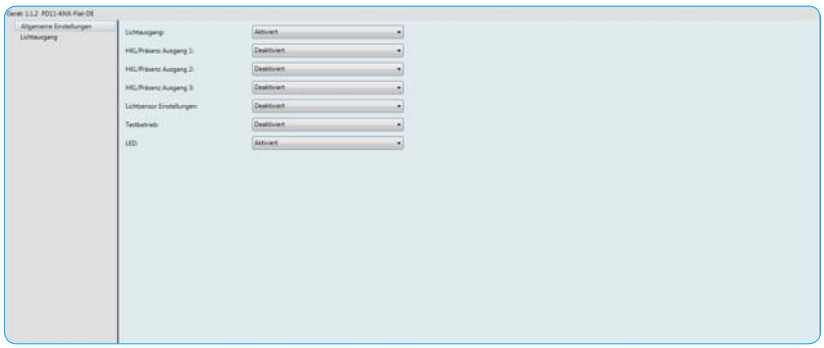
Push button interfaces

Push button interface	Page	Part. no.	Installation in 60 mm pattress boxes	Supply voltage	Number of inputs	Maximum number of binary outputs	Functions
KNX push button interface, 2x	16	90130	■	via KNX BUS	2	1	for switching and dimming
KNX push button interface, 4x	16	90131	■	via KNX BUS	4	2	for switching and dimming

Weather station

Weather station	Page	Part. no.	Light evaluation	Wind evaluation	Rain evaluation	GPS	Timeswitch
KNX-WTS-GPS	17	90221	■	■	■	■	■

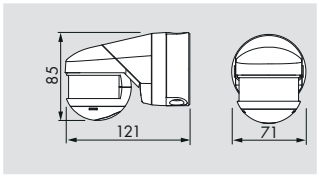
Clearly structured and easy to operate menu for set-up



KNX RC-plus next 230 KNX

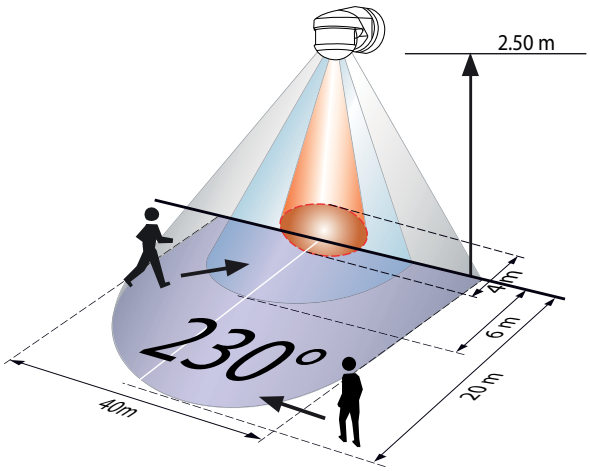
white

black



TECHNICAL DATA

- 24 V DC from KNX BUS
- 7mA
- 230°
- max. 20 m when walking across (tangential)
- IP54 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux



- Walking across
- Walking towards
- Anti-creep

PRODUCT INFORMATION

- KNX motion detector with integrated KNX bus connector
- Switching mode, control mode, slave mode, occupancy-independent regulating mode
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Set values and follow-up times can be changed for all channels using communication objects
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control
- Additional functions can be set via optional remote control
- Wall, ceiling and corner mounting
- Factory settings 3 min and 20 lux

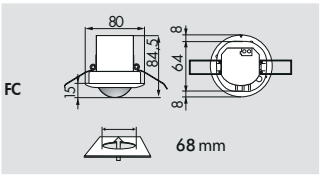
Description	Colour	Part number
RC-plus next 230 KNX	white	92894
RC-plus next 230 KNX	black	92895
Accessory (optional)		
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726
Outside corner socket for RC-plus next	white/ black	97004/ 97024
Inside corner socket for RC-plus next	white	97005
Wire basket BSK (Ø 164 x 143 mm)	white	92467

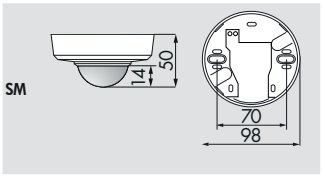
KNX PD2-KNX-SM/-FC/-FM

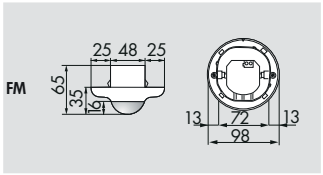
SM

FM

FC





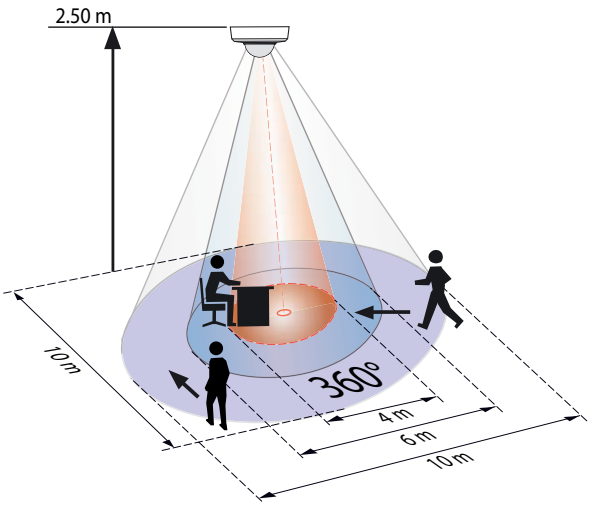


PRODUCT INFORMATION

- KNX occupancy detector with integrated KNX bus connector
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control

TECHNICAL DATA

- 24 V DC from KNX BUS
- 7mA
- 360°
- Ø 10 m across
  Ø 6 m towards
  Ø 4 m seated
- FC= IP20 SM= IP20 FM= IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux
- Mixed light measuring



- Walking across
- Walking towards
- Seated activity

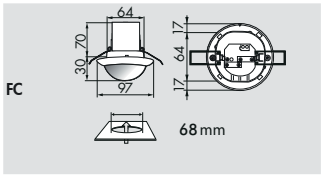
Description	Colour	Part number
PD2-KNX-FC	white	92881
PD2-KNX-SM	white	92880
PD2-KNX-FM	white	92882
Accessory (optional)		
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Socket IP54 for PD2- and PD4-SM	white	92161

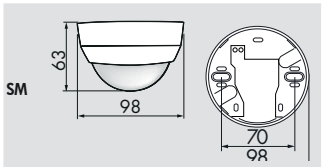
KNX PD4-KNX-SM/-FC/-FM

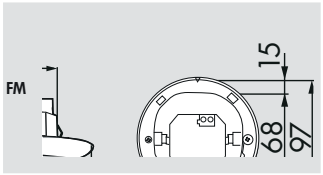
FC

SM

FM





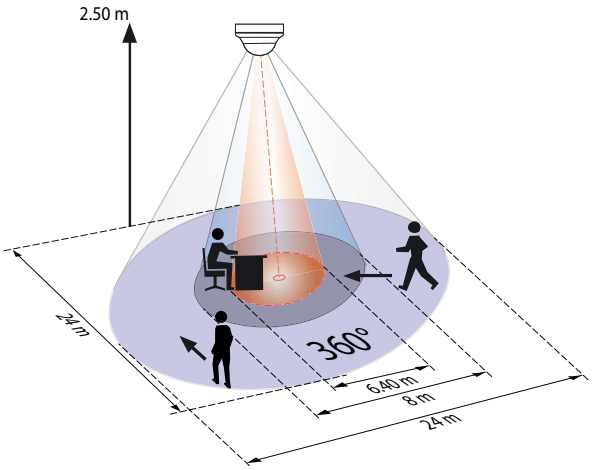


PRODUCT INFORMATION

- KNX occupancy detector with extended detection area and integrated KNX bus connector
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control

TECHNICAL DATA

- 24 V DC from KNX BUS
- 7mA
- 360°
- Ø 24 m across
  Ø 8 m towards
  Ø 6,4 m seated
- IP FC= IP20 SM= IP20 FM= IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux
- Mixed light measuring

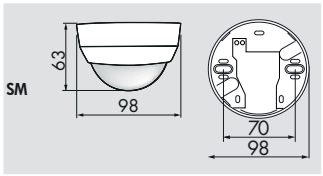


- Walking across
- Walking towards
- Seated activity

Description	Colour	Part number
PD4-KNX-FC	white	92884
PD4-KNX-SM	white	92883
PD4-KNX-FM	white	92885
Accessory (optional)		
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Socket IP65 for PD4-SM	white	92375
Socket IP54 for PD2- and PD4-SM	white	92161

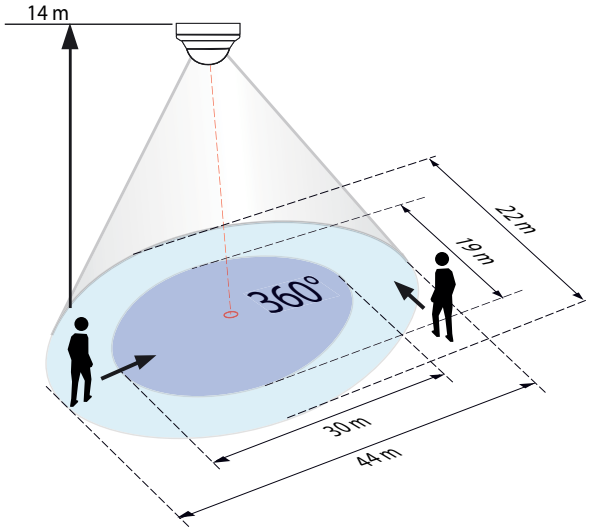
KNX PD4-KNX-GH-SM

SM



TECHNICAL DATA

- 24 V DC from KNX BUS
- 7mA
- oval 360°
- max. Ø 30 m towards
  max. Ø 44 m across
- Light control feasible up to 5 m
- IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux
- Mixed light measuring



Walking across
Walking towards

PRODUCT INFORMATION

- KNX occupancy detector designed for high-bay warehouses, with integrated KNX bus connector
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control
- ***When used in high-bay warehouses, care should be taken that, in the cross-aisles of the warehouse, detectors are installed that can detect movement only in the desired aisle locations, by using blinds or other technical arrangements.***

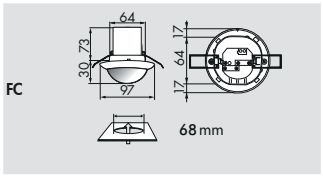
Description	Colour	Part number
PD4-KNX-GH-SM	white	92889
Accessory (optional)		
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726
Socket IP65 for PD4-SM	white	92375
Socket IP54 for PD2- and PD4-SM	white	92161
Wire basket BSK (Ø 200 x 90 mm)	white	92199

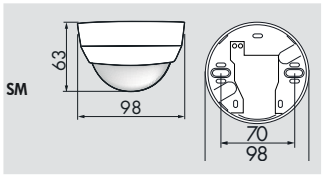
KNX PD4-KNX-C-SM/-FC/-FM

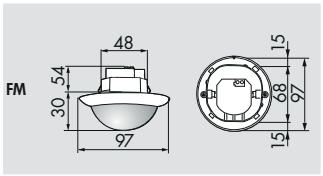
FC

SM

FM





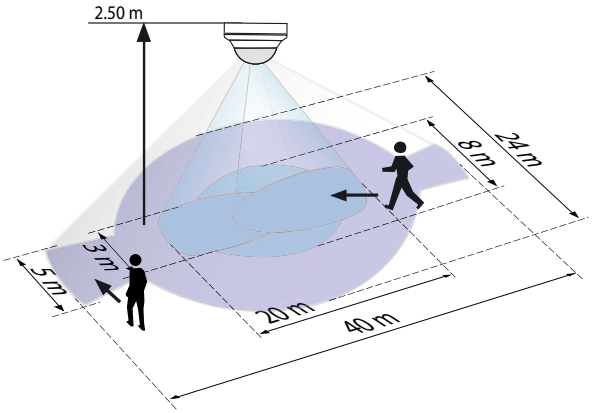


TECHNICAL DATA

- 24 V DC from KNX BUS
- 7mA
- 360°
- Ø 40 m across
  Ø 20 m towards
- Mandatory mounting height 2,4 m - 2,6 m
- FC= IP20 SM= IP20 FM= IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux
- Mixed light measuring

PRODUCT INFORMATION

- KNX occupancy detector designed for corridors, with integrated KNX bus connector
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control

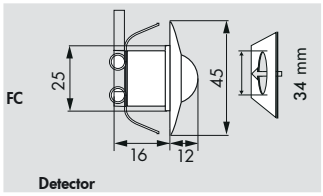


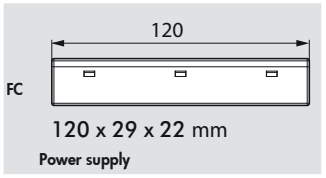
Walking across
Walking towards

Description	Colour	Part number
PD4-KNX-C-FC	white	92887
PD4-KNX-C-SM	white	92886
PD4-KNX-C-FM	white	92888
Accessory (optional)		
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Wall bracket for PD4-SM	white	92441
Socket IP54 for PD2- and PD4-SM	white	92161
Socket IP65 for PD4-SM	white	92375

KNX PD9-KNX-FC

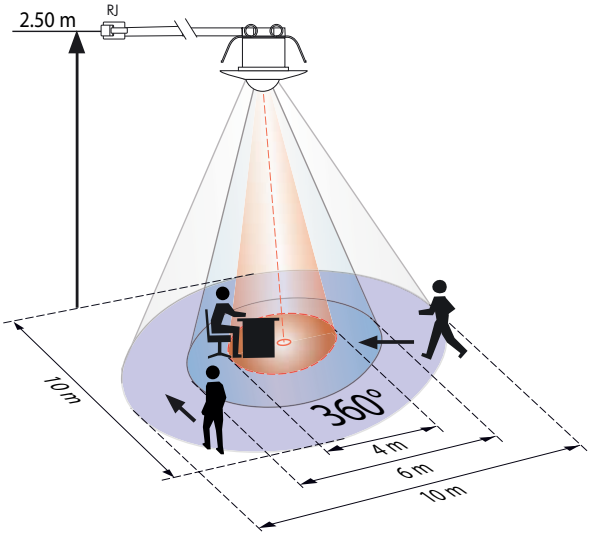
‚Size comparison'





TECHNICAL DATA

- 24 V DC from KNX BUS
- 7mA
- 360°
- Ø 10 m across
  Ø 6 m towards
  Ø 4 m seated
- IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- 45 cm
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux
- Mixed light measuring



- Walking across
- Walking towards
- Seated activity

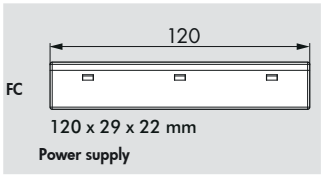
PRODUCT INFORMATION

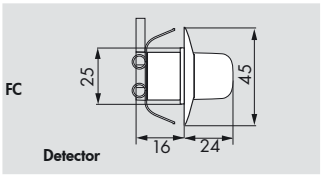
- KNX mini occupancy detector with integrated bus connector
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control

Description	Colour	Part number
PD9-KNX-FC	white	92890
Accessory (optional)		
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726
Cover ring for PD9 (Ø 36 mm)	white/ silver/ anthracite	92238/ 92237/ 92235
Cover ring for PD9 (Ø 45 mm)	white/ silver	92327/ 92346
PD9-IP65-covering	-	92958

KNX PD9-KNX-GH-FC

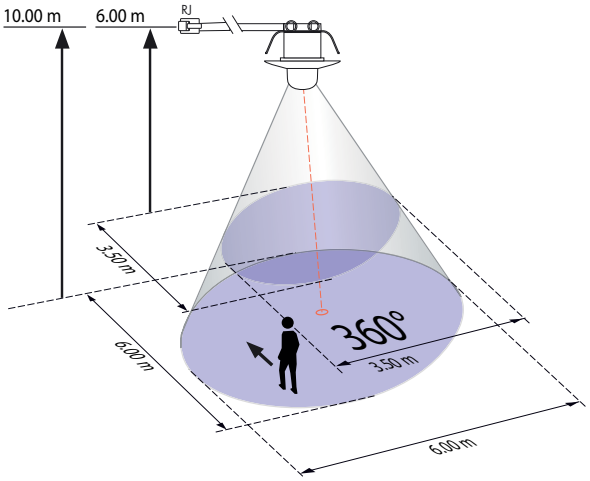
‚Size comparison'





TECHNICAL DATA

- 24 V DC from KNX BUS
- 7mA
- 360°
- max. Ø 6 m
- Light control feasible up to 5 m
- IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- 45 cm
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux
- Mixed light measuring



Walking across

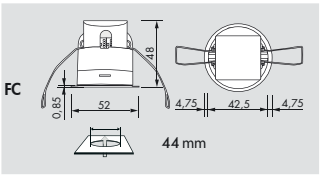
PRODUCT INFORMATION

- KNX mini occupancy detector with integrated bus connector, for high-bay applications
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control

Description	Colour	Part number
PD9-KNX-GH-FC	white	92891
Accessory (optional)		
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726
Cover ring for PD9 (Ø 36 mm)	white/ silver/ anthracite	92238/ 92237/ 92235
Cover ring for PD9 (Ø 45 mm)	white/ silver	92327/ 92346

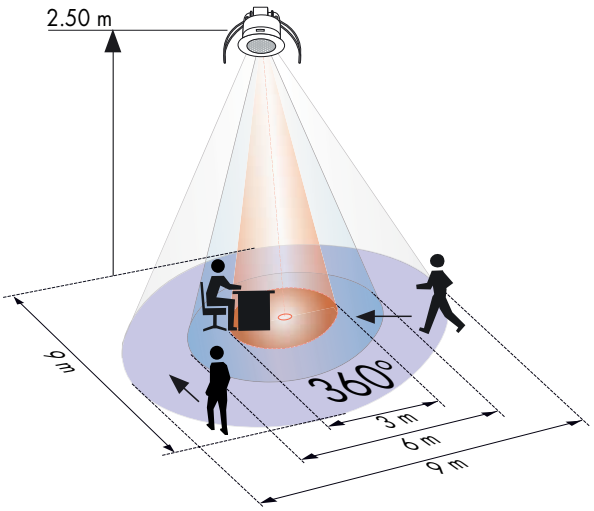
KNX PD11-KNX-FLAT-FC

FC



TECHNICAL DATA

- 24 V DC from KNX BUS
- 8mA
- 360°
- Ø 9 m across
  Ø 6 m towards
  Ø 3 m seated
- IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux
- Mixed light measuring



- Walking across
- Walking towards
- Seated activity

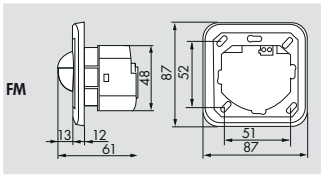
PRODUCT INFORMATION

- Low profile KNX occupancy detector with integrated KNX bus connector
- When using the product database B.E.G._Praesenzmelder_928xx_ V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control
- Spring clips for quick and easy installation in suspended ceilings

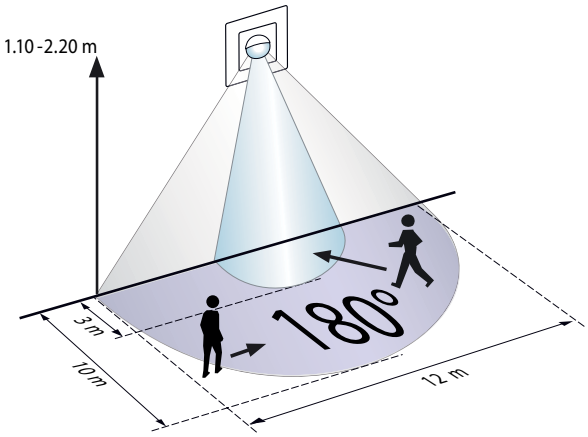
Description	Colour	Part number
PD11-KNX-FLAT-FC	white	92893
Accessory (optional)		
Cover ring	black	92537
IR-PD-KNX	grey	92123
IR adapter for Smartphones	black	92726

KNX Indoor 180-KNX

EU version



- 24 V DC from KNX BUS
- 7mA
- 180°
- max. 10 m
- max. mounting height 2.2 m
- IP20 / Class II
- -25 °C to +55 °C
- Polycarbonate, UV- and shock resistant
- IR adapter for Smartphones, IR-PD-KNX
- 5 - 1200 Lux



Walking across
Walking towards

PRODUCT INFORMATION

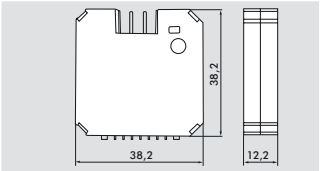
- KNX wall occupancy detector with integrated KNX bus connector
- When using the product database B.E.G._Praesenzmelder_928xx_V5.0, several operation modes are available:
  1. Full automatic mode
  2. Semi-automatic mode
  3. Slave mode
  4. Occupancy-independent regulating mode
- Up to three additional switching channels – selectively either daylight-depending or not – for controlling lights, HVAC devices (with time delay) or for transmitting occupancy telegrams
- Set values and follow-up times can be changed for all channels using communication objects
- Burn-in function with adjustable burn-in time from 1 to 100 hours, activatable via communication object or remote control, in order to profit from the entire operating time of the controlled lamps
- With activatable motion LED, deactivatable via ETS parameter, communication object or remote control
- For use with covering (interior cover dimensions 50x50mm) in 5 different colours

Description	Colour	Part number
Indoor 180-KNX, covering not included	–	92892
Accessory (optional)		
Indoor 180 socket for wallmounting, IP54	pure white, RAL 9010	92141
Lock for cover cap of Indoor 180	–	92018
Centre plate for modular push button (angled corners)	pure white, RAL 9010	35126
Centre plate for modular push button (rounded corners)	pure white, RAL 9010	35127
Covering IP20	pure white, RAL 9010	92630
Covering IP20	oyster white, RAL 1013	92632
Covering IP20	silver, RAL 9006	92633
Covering IP20	anthracite, RAL 7021	92634
Covering IP20	traffic white, RAL 9016	92631
Frame IP54 for Indoor 180, white	pure white, RAL 9010	92139

KNX KNX push button interface

2x

4x



TECHNICAL DATA

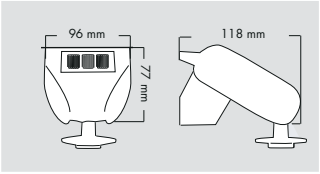
- 24 V DC from KNX BUS
- IP20 / Class II
- -25 °C to +55 °C
- Plastic LEXAN UL-94-V0
- Programming LED
- Programming key

PRODUCT INFORMATION

- Binary input or output device (push button interface) for pattress boxes (60 mm)
- Programmable behaviour in the event of BUS power failure or BUS resumption
- Switching and dimming function
- Blind control
- Linking of up to 50 group addresses possible
- User-friendly ETS interface
- Two or four inputs for dry push button or switch contacts
- Two or four binary outputs for the activation of control lamps - low current LEDs (I = 2mA)

Description	Colour	Part number
KNX push button interface, 2x	white	90130
KNX push button interface, 4x	white	90131

KNX KNX-WTS-GPS



TECHNICAL DATA

~	KNX BUS 24V DC 12-40V DC or 12...28V AC V
IP ☐	IP44 / Class II
	-30 °C to +50 °C
	Polycarbonate, UV- and shock resistant

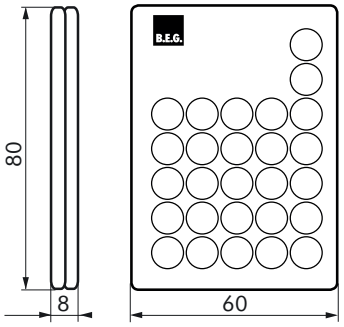
PRODUCT INFORMATION

- Weather station with sensors, evaluation electronics and bus connection in a compact housing
- Values can be used to control threshold-depending switching outputs
- Detection of the position of the sun via GPS signal (azimuth and elevation) for an automatic control of the sun shielding
- Measuring of the ambient light (output of the measured value in Lux)
- Integrated measuring of wind speed (without wind wheel) with adjustable threshold for wind alarm
- Detection of precipitation with adjustable precipitation alarm
- Measuring of temperature
- Weekly and yearly time switch
- Eight AND- and eight OR-gates

Description	Colour	Part number
KNX-WTS-GPS	white	90221

General

- Technical Data:
  - **Size:** L80 x W60 x D8mm
  - **Battery:** Lithium CR2032, 3 Volt (included)
  - **Range:** cloudy or dark: 5-6 m, direct sunlight: 2-3 m



Programming function overview

Programming mode Open/Close
blocks the functioning of the remaining buttons after successful setting

Read-in function
Storage of current light value as set value

Brightness value
Adjustable from 20 to 1000 lux,
Recommendation:
Rooms with daylight 300 lux,
rooms without daylight 1000 lux

Activation / Deactivation of burn-in function

Dimming
for adjusting the set value,
store with "eye" button

Follow-up time
for adjusting the duration for the lights to stay on

For changing operating function
ON = full automatic mode
OFF = semi-automatic mode

Activation / Deactivation
of the corridor
function (time adjustable)

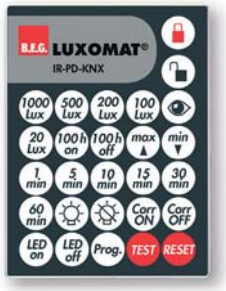
Activation / Deactivation
of the LED indicating movement

Activation of the programming mode

Test mode
For testing the detection area with a walk test

RESET
Reset all functions to ETS settings

LUXOMAT® IR-PD-KNX



SUITABLE FOR:

- PD2-KNX
- PD4-KNX
- PD4-KNX-GH
- PD4-KNX-C
- PD9-KNX
- PD9-KNX-GH
- PD11-KNX-FLAT
- RC-plus next 230 KNX
- Indoor 180-KNX

Description	Color	Part. no.
IR-PD-KNX	grey	92123

LUXOMAT® IR-ADAPTER FOR SMARTPHONES

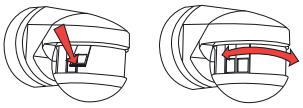
SUITABLE FOR:

- all detectors with receiving diode

Description	Color	Part. no.
IR adapter for Smartphones	black	92726

Blinds for B.E.G. motion detector

- **LUXOMAT® RC-plus next (limitation of detection angle) – Part no. 32697**

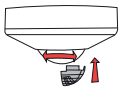




RC-plus next
with blinds

Blinds for B.E.G. occupancy detector

- **LUXOMAT® PD2-SM+FM – Part. no. 92260**

The blinds have predetermined breaking points at regular distance. The detection area can therefore be accurately adapted to your needs.

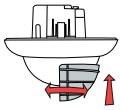


PD2-SM

PD2-SM
with blinds

- **LUXOMAT® PD4-SM+FC+FM – Part. no. 92313**

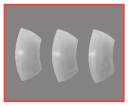
The blinds have predetermined breaking points at regular distance. The detection area can therefore be accurately adapted to your needs.

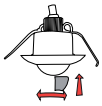


PD4-FM

PD4-FM
with blinds

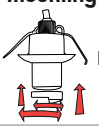
- **LUXOMAT® Mini motion detector PD9 – Part. no. 32702 and PD9-GH for large mounting heights – Part. no. 33207**





PD9-DE

PD9-DE
with blinds



PD9-GH-DE

PD9-GH-DE
with blind

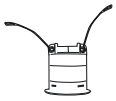
- **LUXOMAT® PD9-IP65-covering – Part.-no. 92958**

PD9-IP65-
covering

- **LUXOMAT® Indoor 180 – Part. no. 92294**

- for adapting the detector`s detection area to the local circumstances

- **LUXOMAT® PD11-FC – Part.-no. 38522**

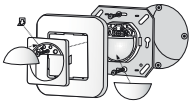



PD11-FC

PD11-FC
with blinds

- **LUXOMAT® Indoor 180 – Part. no. 33233 and part. no. 92028**

- to mask detection below the mounting height (to prevent small animals from being detected)

- lock for protecting the upper cover cap against unwanted removal

Indoor 180
with blind

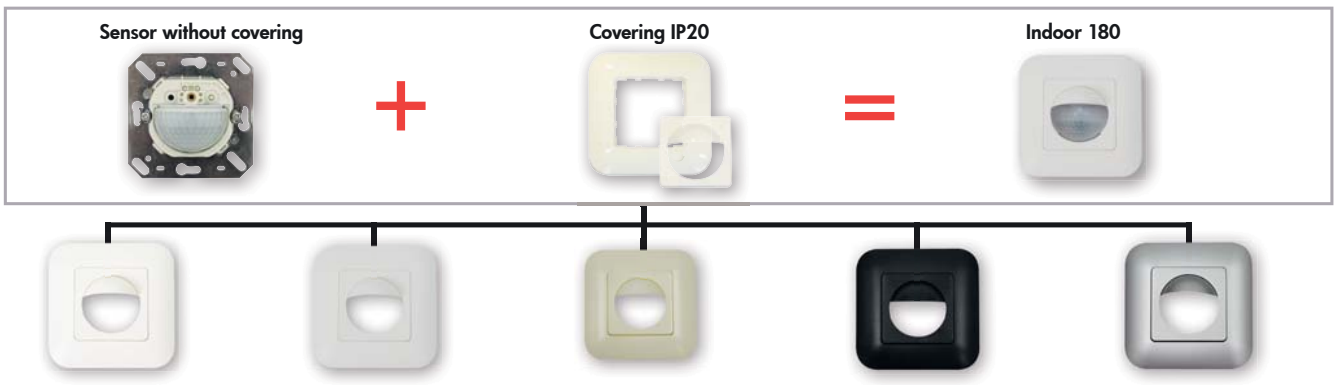
- **LUXOMAT® Indoor 180 – Part. no. 35126**

- Centre plate for installing a sensor insert Indoor 180 in a modular push button Dimensions: 55 x 55 mm, angled corners

- **LUXOMAT® Indoor 180 – Part. no. 35127**

- Centre plate for installing a sensor insert Indoor 180 in a modular push button Dimensions: 55 x 55 mm, rounded corners

- Blinds allow the detection area of the sensor to be adapted to local conditions. Sources of interference or areas where monitoring is not required can thus be excluded from motion detection. Blinds are supplied in the packaging, and can also be ordered separately if more are needed.



traffic white, mat,
similar RAL9016
92631

pure white, mat,
similar RAL9010
92630

oyster white, mat,
similar RAL1013
92632

anthracite, mat,
similar RAL7021
92634

silver, mat,
similar RAL9006
92633

KNX – The intelligent route to secure, convenient and profitable building automation systems

Invisible components

Built-in KNX components are mostly invisible to the user, but perform important functions in the KNX system:

The complete KNX system takes its power from the KNX bus, for which the **B.E.G.** power supply converts 230V into 30 VDC. To access the system, a KNXnet/IP interface is required. This is the interface between the KNX ETS software and the devices in the system. Additional options such as devices with integrated webservers make the system even more convenient.

Additional devices are then controlled via the interface. Actuators provide reliable control of KNX systems. Eight or 16 devices can be switched with one switch actuator, for example household electricals, HVAC installations or lighting.

For both switching and control of lighting on demand, the dimming actuator can be used as a 1-10V electronic ballast. In addition, a DALI system can be integrated into the KNX system via a KNX/DALI Gateway. In this way, an intelligent lighting system can be built up using ETS.

Additionally, blind actuators allow convenient control of solar protection, for example using weather data from the KNX weather station.

The KNX-RCT Room Controller offers quick and easy installation: a DALI Gateway and two pushbutton interfaces are already built in. The plug-in terminals allow the KNX system, for example of an office, to be wired directly in the ceiling.

Overview of KNX Actuators

Actuator	Page	Part. no.	DIN rail	Supply voltage	Number of outlets	Size	Functions	Special functions
KNX SA-8C- 230 V	22	90200	■	230 VAC/ 50 Hz	8	4TE	Switch loads	–
KNX SA-16C- 230 V	22	90201	■	230 VAC/ 50 Hz	16	8TE	Switch loads	–
KNX SA-8C-230 V-CL	23	90209	■	230 VAC/ 50 Hz	8	8TE	Switch loads	–
KNX SA-8C-EM	24	90210	■	230 VAC/ 50 Hz	8	8TE	Switch loads	Current measurement
KNX SBA-4C-230 V	25	90190	■	230 VAC/ 50 Hz	4	4TE	Control shutters	–
KNX SBA-4C-24 V	26	90191	■	24 VAC/ 50 Hz	4	4TE	Control shutters	for 24 V DC-shutters
KNX SBA-8C-230 V	25	90192	■	230 VAC/ 50 Hz	8	8TE	Control shutters	–
KNX CD-4C	27	90180	■	230 VAC/ 50 Hz	4	4TE	Dimming 1-10 V	–

SA = Switching Actuator
SBA = Switching Blind Actuator
CD = Control device 1-10 V
XC = Channel
CL = Capacitive load
EM = E-metering

Overview KNX Room Controller

Room Controller	Page	Part. no.	DIN rail	Supply voltage	Connections
KNX-RCT	28	92979	–	230 VAC and BUS	KNX-BUS, DALI-BUS, 230V, 2 push buttons, Occupancy detector

Overview of DALI/KNX Gateway

Gateway	Page	Part. no.	DIN rail	Supply voltage	DALI-Programming Tool	Number of DALI-EBs	Size	Additional functions
DALI/KNX Gateway IP-N	29	90134	■	110 - 240 VAC/ 50 - 60 Hz	□	64	4TE	–

Overview of KNXnet/IP Interfaces

KNXnet/IP Interface	Page	Part. no.	DIN rail	Supply voltage	Display	Integrated Webserver	Size	Functions	Special functions
KNXnet/IP Interface	30	90125	■	12 - 30 VAC/DC external and BUS	–	–	4TE	BUS access via IP	–
KNXnet/IP Interface Web	31	90126	■	12 - 30 VAC/DC external and BUS	–	–	4TE	BUS access via IP	Web server visualisation

Overview of power supplies

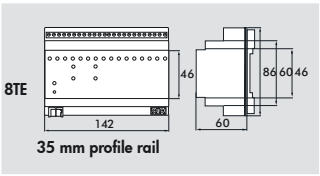
System devices	Page	Part. no.	DIN rail	Supply voltage	Nominal rated current	Maximum rated current	Number of participants	Separate 30 VDC outlet	Size
KNX PS-160 mA	32	90211	■	230 VAC/ 50Hz	160 mA	350 mA	16	–	4TE
KNX PS-640 mA	32	90212	■	230 VAC/ 50Hz	640 mA	1300 mA	64	■	6TE

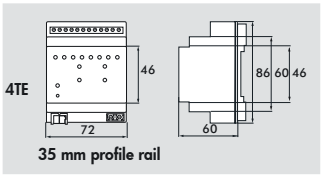
PS = Power Supply

KNX KNX SA-8C / 16C-230 V

16 C

8 C





TECHNICAL DATA

Supply voltage
230 VAC / 50 Hz
Output voltage
230 VAC / 50 Hz

IP20 / Class II

0 °C to +45 °C

Plastic LEXAN UL-94-V0

Red LED: programming LED, Green LED: Channel status

Manual operation of the shutter channels directly on the device

10 A cos φ = 1
Resistive loads
1900 W
HV halogen lamps
1400 W
LV halogen lamps
500 W
Fluorescent lamps uncompensated
500 W
Fluorescent lamps parallel compensated
120 W
Capacitive loads
max 21 µF

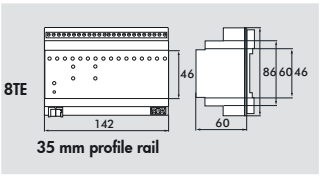
PRODUCT INFORMATION

- The switch actuators KNX SA-8C-230V and KNX SA-16C-230 V receive KNX telegrams and switch up to 8 or 16 consumers independently of one another.
- Each outlet is controlled by way of a monostable relay.
- Each outlet can be individually programmed through the ETS3/4. A choice can be made between logical links, status reports, block functions, central switch functions and comprehensive time functions, such as activation/deactivation of delays and staircase lighting timer functions. Scenario functions are also available.
- In the case of the series installation devices, four L-connections each are internally bridged.
- The device is planned for permanent installation on a DIN-rail (top hat) in high voltage current distributors.
- Installation must take place in dry interiors.

Description	Colour	Part number
KNX SA-16C-230 V	white	90201
KNX SA-8C-230 V	white	90200

KNX KNX SA-8C-230 V-CL

8 C



TECHNICAL DATA

Supply voltage
230 VAC / 50 Hz
Output voltage
230 VAC / 50 Hz

IP20 / Class II

0 °C to +45 °C

Plastic LEXAN UL-94-V0

Red LED: programming LED, Green LED: Channel status

Manual operation of the shutter channels directly on the device

16 A cos φ = 1
Resistive loads
2700 W
HV halogen lamps
2500 W
LV halogen lamps
1000 W
Fluorescent lamps uncompensated
1800 W
Fluorescent lamps parallel compensated
1000 W
Capacitive loads
max 100 µF

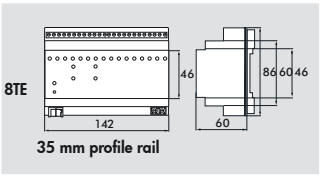
PRODUCT INFORMATION

- The switch actuator KNX SA-8C-230V-CL receives KNX telegrams and switches consumers independently of one another.
- Suitable for loads with up to 100µF at 16A
- Each outlet is controlled by way of a bistable relay and can also be manually activated with the buttons at the actuator.
- Each outlet can be individually programmed through the ETS3/4. A choice can be made between logical links, status reports, block functions, central switch functions and comprehensive time functions, such as activation/deactivation of delays and staircase lighting timer functions. Scenario functions are also available.
- In the event of a mains failure, all relays maintain their current switch position. In the event of bus voltage failure or resumption, the switch positions of the relay can be individually programmed for each channel.
- The device is planned for permanent installation on a DIN-rail (top hat) in high voltage current distributors.
- Installation must take place in dry interiors.

Description	Colour	Part number
KNX SA-8C-230 V-CL	white	90209

KNX KNX SA-8C-EM

8 C



TECHNICAL DATA

Supply voltage
230 VAC / 50 Hz
Output voltage
230 VAC / 50 Hz

IP20 / Class II

0 °C to +45 °C

Plastic LEXAN UL-94-V0

Red LED: programming LED, Green LED: Channel status

Manual operation of the shutter channels directly on the device

16 A cos φ = 1
Resistive loads
3680 W
HV halogen lamps
3680 W
LV halogen lamps
2000 W
Fluorescent lamps uncompensated
3680 W
Fluorescent lamps parallel compensated
2500 W
Capacitive loads
max 200 µF

PRODUCT INFORMATION

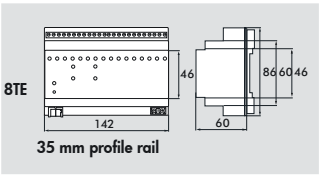
- The switch actuator KNX SA-8C-230V-EM receives KNX telegrams and switches consumers independently of one another.
- Measures the current consumption of the connected consumers as of a current of 20mA
- The following values can be determined: mA, A, kW
- Determination of the consumption per channel and sum of all channels
- Surveillance of service intervals
- Suitable for loads with up to 200µF at 16A
- Resettable operating hour counter
- Each outlet is controlled by way of a bistable relay and can also be manually activated with the buttons at the actuator.
- Each outlet can be individually programmed through the ETS3/4. A choice can be made between logical links, status reports, block functions, central switch functions and comprehensive time functions, such as activation/deactivation of delays and staircase lighting timer functions. Scenario functions are also available.
- In the event of a mains failure, all relays maintain their current switch position. In the event of bus voltage failure or resumption, the switch positions of the relay can be individually programmed for each channel.
- The device is planned for permanent installation on a DIN-rail (top hat) in high voltage current distributors.
- Installation must take place in dry interiors.

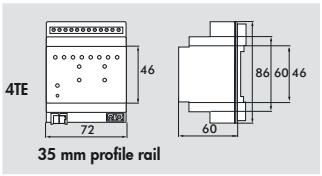
Description	Colour	Part number
KNX SA-8C-EM	white	90210

KNX KNX SBA-4C / 8C-230 V

8 C

4 C





TECHNICAL DATA

Supply voltage
230 VAC / 50 Hz
Output voltage
230 VAC / 50 Hz

IP20 / Class II

0 °C to +45 °C

Plastic LEXAN UL-94-V0

Red LED: programming LED, Green LED: Channel status

Manual operation of the channels directly on the device

Roller blind motors
600 W

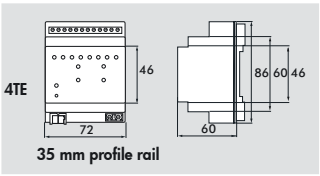
PRODUCT INFORMATION

- The blind actuators KNX SBA-4C-230V and KNX SBA-8C-230 V receive KNX telegrams and control several blind motors with limit switches independently of one another.
- Each channel is controlled with two monostable relays and can also be manually activated with the buttons at the actuator.
- Each channel can be individually programmed through the ETS3/4. Status reports, blocking functions, central switch functions and extensive calibration and positioning functions are available for selection.
- In the event of bus voltage failure or resumption, the switch positions of the relay can be individually programmed for each channel.
- The device is planned for permanent installation on a DIN-rail (top hat) in high voltage current distributors.
- Installation must take place in dry interiors.

Description	Colour	Part number
KNX SBA-8C-230V	white	90192
KNX SBA-4C-230V	white	90190

KNX KNX SBA-4C-24 V

4 C



TECHNICAL DATA

Supply voltage
230 VAC / 50 Hz
Output voltage
24 VDC

IP20 / Class II

0 °C to +45 °C

Plastic LEXAN UL-94-V0

Red LED: programming LED, Green LED: Channel status

Manual operation of the channels directly on the device

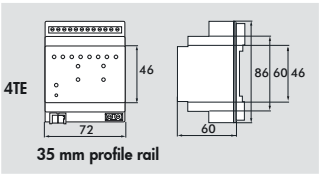
24 V DC Roller blind motors
200 W

PRODUCT INFORMATION

- The blind actuator KNX SBA-4C-24V receives KNX telegrams and controls several blind motors with limit switches independently of one another.
- Each channel is controlled with two monostable relays and can also be manually activated with the buttons at the actuator.
- Each channel can be individually programmed through the ETS3/4. Status reports, blocking functions, central switch functions and extensive calibration and positioning functions are available for selection.
- In the event of bus voltage failure or resumption, the switch positions of the relay can be individually programmed for each channel.
- The device is planned for permanent installation on a DIN-rail (top hat) in high voltage current distributors.
- Installation must take place in dry interiors.

Description	Colour	Part number
KNX SBA-4C-24V	white	90191

KNX KNX CD-4C



TECHNICAL DATA

Supply voltage
230 VAC / 50 Hz

Output voltage
230 VAC

analogue control outputs
1 - 10 V

IP20 / Class II

0 °C to +45 °C

Plastic LEXAN UL-94-V0

Red LED: programming LED, Green LED: Channel status

Manual operation of the channels directly on the device

16 A cos φ = 1

Resistive loads
2700 W

HV halogen lamps
2500 W

LV halogen lamps
1000 W

Fluorescent lamps uncompensated
1800 W

Fluorescent lamps parallel compensated
1000 W

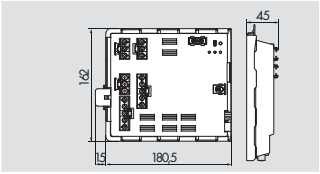
Capacitive loads
max 100 µF

PRODUCT INFORMATION

- The dimmer actuator KNX CD-4C serves the purpose of switching and dimming fluorescent lamps with 1-10V EB. The voltage is directed to the EB through the relay of the device.
- The lights are regulated by way of 1-10V voltage. **The voltage 1-10V is provided by the EBs.**
- The device is equipped with short circuit and temperature protection, as well as a lamp-preserving soft start.
- The device is planned for permanent installation on a DIN-rail (top hat) in high voltage current distributors.
- Installation must take place in dry interiors.

Description	Colour	Part number
KNX CD-4C	white	90180

KNX KNX Room Controller



TECHNICAL DATA

~	230 V AC
IP □	IP20 / Class I
	-5 °C to +45 °C
	Polycarbonate, UV- and shock resistant
	Pollution degree 2
	Illumination: μ 16 A Blind/roller shutter: μ 16 A

Please note: The following connecters are required:

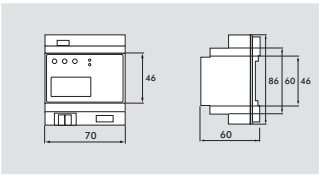
Feeder:	Wieland No. 92.931.3053.1	black
Blinds / Roller shutters:	Wieland No. 92.954.4053.1	black
DALI:	Wieland No. 92.954.4453.0	blue
KNX:	Wieland No. 93.421.0553.1 Wieland No. 93.422.0553.1	green green
Push button terminal:	(2x) Adels No. 162 463 P	blue

PRODUCT INFORMATION

- Pre-wired control unit for KNX occupancy detectors and other loads for being mounted in a false ceiling
- Gateway DALI/KNX for connecting up to 45 DALI lights
- GST18 plugs and sockets
- Pre-wiring allows for cost savings and prevents installations
- The integrated service switch allows for using (basic functions) the connected loads even without ETS
- All B.E.G. KNX motion and occupancy detectors can be combined with the KNX-RCT
- Already integrated are a DALI gateway, a roller shutter actuator and two push button interfaces

Description	Colour	Part number
KNX-RCT Room Controller	white	92979
Plug set KNX-RCT	–	92983

KNX DALI/KNX-Gateway IP-N



TECHNICAL DATA

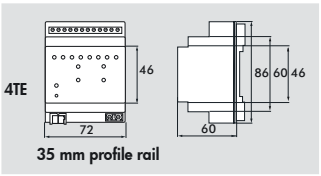
- 110 - 240 V 50 / 60 Hz
  max. 0,1 A, additionally via KNX BUS
- 7W
- IP20 / Class I
- 0 °C to +45 °C
- Plastic LEXAN UL-94-V0
- **LNK-LED yellow** for indicating Ethernet connection
  ERR-LED red for displaying error conditions,
  LED red for displaying normal/adressing mode
  LC-Display, 2 lines with 12 characters each with menu for commissioning and setting of parameters
- 3 keys for device control and parameterisation, learn keys for switching normal/addressing mode

PRODUCT INFORMATION

- The gateway connects the KNX BUS with the DALI BUS (DALI BUS for controlling the illumination)
- Each gateway is for controlling and dimming up to 64 electronic ballasts in 16 groups
- RJ45 interface for integration into the IP network
- Commissioning and assignment of the electronic ballasts (DALI) via operating keys, ETS or integrated web server
- Various operating modes
- Burn-in function for optimising the lifetime of the lamps
- Scenes module for controlling individual electronic ballasts
- Individual error detection (transmission to KNX or Ethernet)
- Function for quick and easy replacement of one electronic ballast without ETS or system integrator
- Test function and evaluation for DALI emergency lights

Description	Colour	Part number
DALI/KNX-Gateway IP-N	white	90134

KNX KNXnet/IP Interface



TECHNICAL DATA

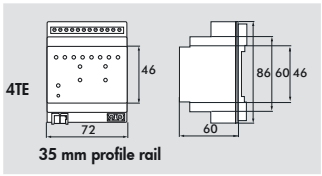
- 12 - 30 V AC / DC
- IP20 / Class I
- 0 °C to +45 °C
- Plastic LEXAN UL-94-V0
- **LA-LED** for indicating communication on the Ethernet connection, **LK-LED** for indicating Ethernet connection
  LED red when displaying normal/adressing mode
- Learn keys for switching normal/addressing mode

PRODUCT INFORMATION

- Cost-efficient programming of a KNX system via LAN.
- Programming interfaces from the ETS to the KNX BUS
- Scan function (ETS3 and 4)
- KNXnet/IP-secured tunnel connection
- Plastic housing, 4 widths units (DIN-rail, top hat)
- Programmable via ETS3 and 4
- Connection: 12-30V AC/DC, network and KNX

Description	Colour	Part number
KNXnet/IP Interface	white	90125

KNX KNXnet/IP Interface Web



TECHNICAL DATA

- 12 - 30 V AC / DC
- IP20 / Class I
- 0°C to +45
- Plastic LEXAN UL-94-V0
- **LA-LED** for indicating communication on the Ethernet connection, **LK-LED** for indicating Ethernet connection
  LED red for displaying normal/adressing mode
- Learn keys for switching normal/addressing mode

PRODUCT INFORMATION

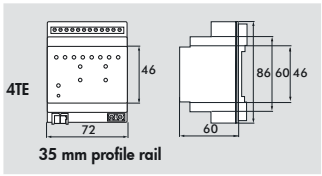
- Websites can be called up from the integrated web server via the TCP/IP network in order to display KNX statuses or to switch events
- Controllable via Smartphone or tablet PC
- Programming interfaces from the ETS to the KNX BUS
- Programmable via ETS3 and 4
- KNXnet/IP-secured tunnel connection
- Plastic housing, 4 widths units (DIN-rail, top hat)
- Connection: 12-30V AC/DC, network and KNX
- Pre-installed visualisation software
- Integrated web server

Description	Colour	Part number
KNXnet/IP Interface Web	white	90126

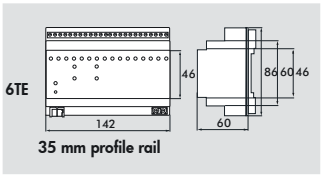
KNX KNX PS 160 mA / 640 mA

160 mA

640 mA



35 mm profile rail



35 mm profile rail

TECHNICAL DATA

Supply voltage
230 VAC / 50 Hz
Output voltage
24 VDC / 50 Hz

160 mA / 640 mA

IP20 / Class II

0°C to +45°C

Plastic LEXAN UL-94-V0

PRODUCT INFORMATION

- The power supply KNX PS has an integrated inductor for supplying the BUS with a constant, stabilised voltage
- The device is designed for DIN-rail (top hat) assembly in high voltage current distributors
- The KNX PS 640mA also possesses a non-detuned, separate 30 VDC voltage outlet for supplying other devices.

Description	Colour	Part number
KNX PS 160 mA	white	90211
KNX PS 640 mA	white	90212

KNX Control Touch-Panel – The multi-functional display and control device

KNX system control – flexibility and clarity

With **B.E.G.** KNX products, individual and flexible solutions for building automation can be implemented. Values and scenes are programmed via the KNX ETS software, so that the system switches on or off at predetermined times or reacts to information from KNX sensors.

For the convenience of users in private houses, it is important to be able to override the settings if needed.

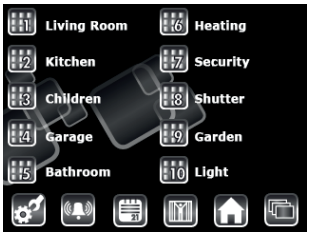
For this purpose, **B.E.G.** offers the KNX Control Touch-Panel as part of its comprehensive product range. All important standard functions and also the KNX system status display can be easily adjusted via the graphical 5.7-inch colour TFT display with LED backlighting.

The password-protected touchscreen display allows 110 KNX functions to be used, storing up to 64 scenes which the user can easily configure.

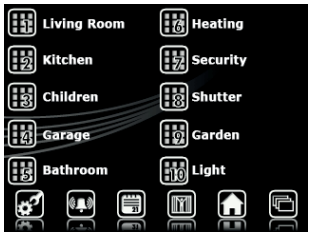
KNX CONTROL TOUCH-PANEL (90120)

WITH FOR DIFFERENT BACKGROUND DESIGNS

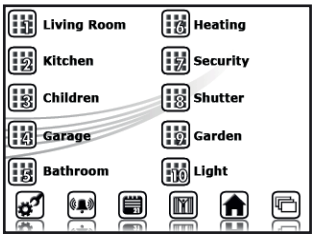
Blue Design



Grey Design



Black Design



White Design

FOUR DIFFERENT FRAMES CAN BE ORDERED AS OPTIONS

Glass frame black (90127)

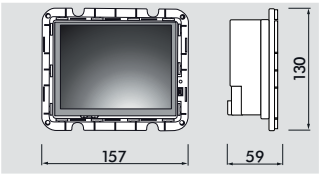
Glass frame white (90142)

Metal frame Stainless steel (90138)

Metal frame Aluminium (90137)

PATTRESS BOX (90128)

KNX KNX Control Touch-Panel



TECHNICAL DATA

- 230 V AC 50 / 60 Hz KNX BUS
- 11W
- IP20 / Class I
- 0 °C to +45 °C
- Plastic ABS Terez 32/19V0
- **LED red** for displaying normal/adressing mode, Graphic-compatible 5.7'' TFT colour display 320 x 240 pixels with LED background illumination
- Learn key for switching normal/addressing mode; resistive analogue touch with touch-sensitive surface on the display

PRODUCT INFORMATION

- Graphic-compatible TFT colour display with LED background lighting
- All important standard functions and status displays of the KNX system
- Password protection, logic module, alarm module, etc.
- Password assignment for 10 main operator pages and all configuration pages possible
- Individual symbol assignment
- 110 KNX functions in the form of operator pages
- Programmable via ETS3 and 4
- Up to 64 easy to configure scenarios
- Easy operation
- Integrated weekly switching schedule
- Occupancy simulation for holiday periods
- Logical linking of up to 60 objects

Description	Colour	Part number
KNX Control Touch-Panel	–	90120
Accessory (optional)		
Glass frame	white	90142
Glass frame	black	90127
Metal frame Aluminium	aluminium	90137
Metal frame Stainless steel	silver	90138
FM-box (pattress box)	grey	90128

Part no.	Description	Prod./Gr.	Page
32697	Blinds for RC-plus next	06	**19**
32702	Blinds for PD9	06	**19**
33207	Blinds for PD9-GH	06	**19**
33233	Blinds for 180	06	**19**
35126	Centre plate for modular push button (angled corners)	06	**19**
35127	Centre plate for modular push button (rounded corners)	06	**19**
90120	KNX Control Touch-Panel	20	**35**
90125	KNXnet/IP Interface white	20	**30**
90126	KNXnet/IP Interface Web white	20	**31**
90127	Glass frame Control Touch-Panel black	06	**34**
90128	Pattress box for Control Touch-Panel	06	**34**
90130	KNX sensor interface, 2x white	20	**16**
90131	KNX sensor interface, 4x white	20	**16**
90134	DALI/KNX-Gateway IP-N white	20	**29**
90137	Metal frame Control Touch-Panel aluminium	06	**34**
90138	Metal frame Control Touch-Panel silver	06	**34**
90142	Glass frame Control Touch-Panel white	06	**34**
90180	KNX CD-4C white	20	**27**
90190	KNX SBA-4C-230V white	20	**25**
90191	KNX SBA-4C-24V white	20	**26**
90192	KNX SBA-8C-230V white	20	**25**
90200	KNX SA-8C-230 V white	20	**22**
90201	KNX SA-16C-230 V white	20	**22**
90209	KNX SA-8C-230 V-CL white	20	**23**
90210	KNX SA-8C-EM white	20	**24**
90211	KNX PS 160 mA white	20	**32**
90212	KNX PS 640 mA white	20	**32**
90221	KNX-WTS-GPS weiß	18	**17**
92018	Lock for cover cap of Indoor 180	06	**15**
92123	IR-PD-KNX	09	**18**
92139	Frame IP54 for Indoor 180, white	06	**15**
92141	Indoor 180 socket for wall mounting, IP54	06	**15**
92161	Socket IP54 for PD2- and PD4-SM	06	**8**
92199	Wire basket BSK (Ø 200 x 90 mm)	06	**8**
92235	Cover ring for PD9, (Ø 36 mm), RAL 7021, anthrazite	06	**12**
92237	Cover ring for PD9, (Ø 36 mm), RAL 9006, silver	06	**12**
92238	Cover ring for PD9, (Ø 36 mm), RAL 9010, white	06	**13**
92260	Blinds for PD2- and PD4 SM	06	**19**
92294	Blinds for Indoor 180	06	**19**
92313	Blinds for PD4 SM/FC/FM SET	06	**19**
92327	Cover ring for PD9 (Ø 45 mm)	06	**12**
92346	Cover ring for PD9 (Ø 45 mm)	06	**12**
92375	Socket IP65 for PD4-SM (IP20)	06	**9**
92441	Wallbracket for PD4-SM	06	**11**
92467	Wire basket BSK (Ø 164 x 143 mm)	06	**7**
92537	Cover ring for PD11 black	06	**14**
92630	Covering IP20 pure white, RAL 9010	06	**19**
92631	Cover ring for Indoor 180 (IP20) traffic white, RAL 9016	06	**19**
92632	Covering IP20 oyster white, RAL 1013	06	**19**
92633	Covering IP20 silver, RAL 9006	06	**19**
92634	Covering IP20 anthracitet, RAL 7021	06	**19**
92726	IR-Adapter for Smartphones	09	**7**
92880	PD2-KNX-SM	18	**8**
92881	PD2-KNX-FC	18	**8**
92882	PD2-KNX-FM	18	**8**
92883	PD4-KNX-SM	18	**9**
92884	PD4-KNX-FC	18	**9**
92885	PD4-KNX-FM	18	**9**
92886	PD4-KNX-C-SM	18	**11**
92887	PD4-KNX-C-FC	18	**11**
92888	PD4-KNX-C-FM	18	**11**
92889	PD4-KNX-GH-SM	18	**10**
92890	PD9-KNX-FC	18	**12**
92891	PD9-KNX-GH-FC	18	**13**
92892	Indoor 180-KNX	18	**15**
92893	PD11-KNX-FLAT-FC	18	**14**
92894	RC-plus next 230 KNX white	18	**7**
92895	RC-plus next 230 KNX black	18	**7**
92979	KNX Room Controller white	18	**28**
92983	Plug set KNX RCT	18	**28**
97004	Outside corner socket for RC-plus next white	06	**7**
97005	Inside corner socket for RC-plus next white	06	**7**
97024	Outside corner socket for RC-plus next black	06	**7**

YOUR PARTNER IN QUALITY AND SERVICE

We want you to be happy

When developing a product, our main issue is quality. It is our utmost concern to offer products which do not only meet the demands of our customers but exceed them.

Pre-sales service – tailor-made to suit you

Our field staff are at your disposal. They will assist you in planning your project and finding the right detector for the special application and local demands. They keep you informed about new **B.E.G.** products. Our team of field and indoor service staff will answer your questions, also technical questions, and help you in finding the right solution.

After-sales service – we do not leave you in the lurch

We care for our customers. Therefore, we offer an after-sales service. Our well-trained indoor service team will answer your questions concerning application, re-orders and guarantee matters. If there should be a problem concerning our products, our competent technical support will help you on the telephone or – if necessary – on site. **+44 (0) 870 850 5412**

Distribution and logistics centre – delivery of the products within short time and in perfect condition

Thanks to an extensive stock and reliable logistics partners we are able to deliver our products in perfect condition to your schedule.

Guarantee

If there should be a guarantee matter we are at your disposal.

NOTES

ISO 14001 ISO 9001

Environmental Management

Quality Management

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Lights/Floodlights/Photo electric switches

KNX/DALI

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