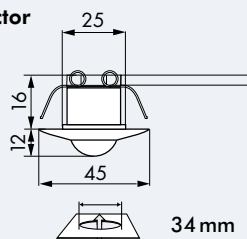


### LUXOMAT® PD9-DIM-KNX/EIB-FC

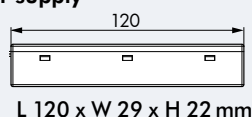


"Size comparison"

#### Detector



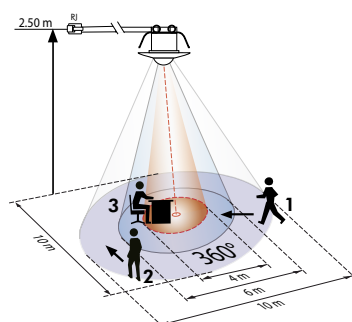
#### Power supply



#### ■ TECHNICAL DATA

- 24 VDC from KNX/EIB-BUS
- $\bigcirc$  360°
- seated  $\varnothing$  4.00 m
- across  $\varnothing$  10.00 m
- towards  $\varnothing$  6.00 m
- FC = IP20 / Class II / C $\infty$
- $\Delta$   $\varnothing$  45 x H 28 mm
- Power supply**  
L 120 x W 29 x H 22 mm
- 25°C to +55°C
- Housing UV- and shock-resistant Polycarbonate
- for integration in KNX/EIB-BUS systems**

► Before programming, please note the device and software version.



- 1 ■ Walking towards
- 2 ■ Walking across
- 3 ■ Seated activity

#### ❗ PRODUCT INFORMATION

- Occupancy detector LUXOMAT® PD9-DIM-KNX/EIB-FC for building services engineering, which based on KNX/EIB-BUS-network (European Installation Bus)

#### ■ Application examples:

offices, conference rooms, schools, nursery schools, hospitals

#### Application possibilities:

- With integrated bus coupler! Connection via WAGO standard bus connector
- When using the BEG\_DIM\_HKL\_V4.0 application program, four different operating modes are available:

- Standard mode (semi-automatic or fully automatic mode (**switching**))
- Semi-automatic or fully automatic mode with **daylight-dependent regulation (dimming)**

- Slave mode

- **NEW:** Permanent dimmer (light control that is not dependent on presence)

- Specification of three target values: Two target values are regulated (specified in Lux) and one target value is a fixed setpoint (specified in %)

- Target values can be changed using a communication object.

- Soft start to slowly switch on the lighting to the target value

- **NEW:** Reflection factor for improved adjustment to the ambient conditions

- **NEW:** HVAC channels (switch channels) can now be switched using a pushbutton

#### ■ Main communications objects:

1. 1x switch outlet or 2x light regulator outlets
2. 2x switch channels for occupancy detection or activation of HVAC systems (HVAC= heating, ventilation, air conditioning)
3. Issuing of the currently measured lux value

#### ■ ACCESSORY (OPTIONAL)

##### Cover rings for substitution



white

silver

anthracite



Blinds  
see page 16!



Slaves PD9-DIM-KNX/EIB  
see page 13!

Description	Colour	Part number
PD9-DIM-KNX/EIB-FC	white	92437
<b>Accessory (optional)</b>		
Cover ring for PD9 (35 mm)	white, RAL9010	92238
Cover ring for PD9 (35 mm)	silver, RAL9006	92237
Cover ring for PD9 (35 mm)	anthracite, RAL7021	92235