LUXOMAT® PD4-DIM-KNX/EIB-C-SM/FC/FM

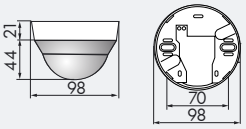
For KNX/EIB with narrow detection area

SM

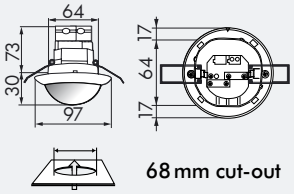
FC

FM

SM

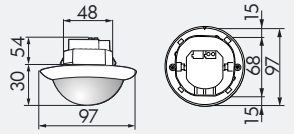


FC



68 mm cut-out

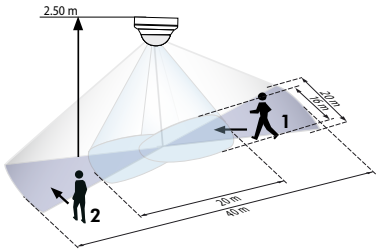
FM



TECHNICAL DATA

24 VDC from KNX/EIB-BUS network	
○ 360°	
across	Ø 40.00 m
towards	Ø 20.00 m
IP20 / Class II / CE	
SM Ø 98 x H 65 mm **FC** Ø 97 x H 103 mm **FM** Ø 97 x H 84 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

PRODUCT INFORMATION

- Occupancy detector **LUXOMAT®** PD4-DIM-KNX/EIB-C for building services engineering, which based on KNX/EIB-BUS-network (European Installation Bus).
- **Typical applications:** monitoring of long corridors

Dimming version:

- 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 **constant light control (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

ACCESSORY (OPTIONAL)

Wire basket

Socket IP54

Wall bracket for PD4-C-SM (also suitable for PD2-/PD4-SM)

Blinds

Slaves

PD4-DIM-KNX/EIB-C

Description	Colour	Part number
PD4-DIM-KNX/EIB-C-SM	white	92461
PD4-DIM-KNX/EIB-C-FC	white	92456
PD4-DIM-KNX/EIB-C-FM	white	92459
Accessory (optional)		
Wire basket BSK	white	92199
Socket IP54 for PD4-SM	white	92161
Wall bracket for PD4-C-SM	white	92441