

..... | LUXOMAT® PD4-DIM-KNX/EIB-SM/-FC/-FM



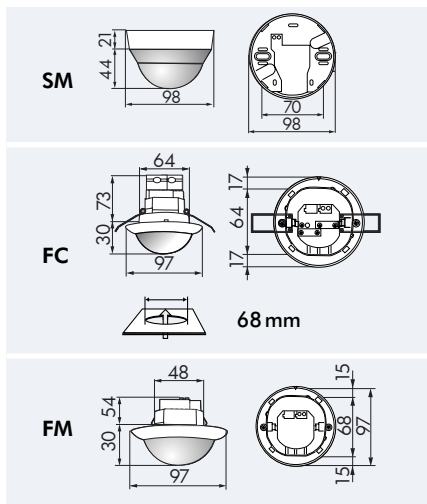
SM



FC



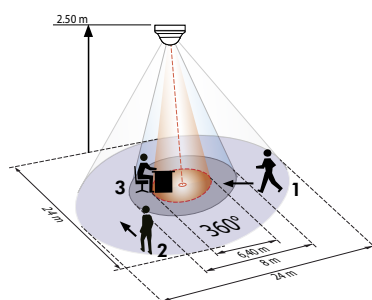
FM



■ TECHNICAL DATA

- ~ 24 VDC from KNX/EIB-BUS
- ☉ 360°
- seated Ø 6.40 m
- across Ø 24.00 m
- towards Ø 8.00 m
- IP □ SM/FC/FM = IP20 / Class II / CEE
- ↑ ↗ 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
- KNX for integration in KNX/EIB-BUS systems

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



i PRODUCT INFORMATION

- Occupancy detector LUXOMAT® PD4-DIM-KNX/EIB for building services engineering, which based on KNX/EIB-BUS-network (European Installation Bus)

■ Application examples:

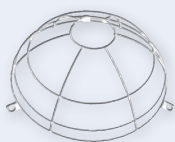
monitoring of large areas like underground garages, gyms, warehouses, loading ramps, halls

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)

Wire basket



Socket IP54



SM-Socket IP65



☐ Blinds
see page 16!

☐ Slaves PD4-DIM-KNX/EIB
see page 10!

| Description | Colour | Part number |
|----------------------------------|--------|-------------|
| PD4-DIM-KNX/EIB-SM | white | 92433 |
| PD4-DIM-KNX/EIB-FC | white | 92434 |
| PD4-DIM-KNX/EIB-FM | white | 92435 |
| Accessory (optional) | | |
| Wire basket BSK | white | 92199 |
| Socket IP54 for PD4-SM | white | 92161 |
| SM-Socket IP65 for PD4-SM (IP20) | white | 92375 |