

## Occupancy detectors DALI Compact - 1-channel Broadcast

---

### PD9-M-DACO DALI-2



white mat, similar to  
RAL9010 , Art.-Nr.: 93470

---

### Product Information

- Mini occupancy detector with integrated DALI application controller for energy-efficient lighting control
- DALI-2 certified product
- Integrated DALI power supply
- DALI interface for controlling digital, dimmable ECGs in broadcast mode
- Manual switching or dimming via conventional pushbuttons
- Bidirectional IR communication enables fast integration into the project management function of the B.E.G. One app
- Complete range of functions can only be activated using the BLE-IR-Adapter and a compatible Smartphone or Tablet (Android, iOS).
- Semi-automatic, full automatic, presence-independent or light-independent mode adjustable
- Adjustable regulation dynamics (minimum and maximum values)
- Adjustable speed and delay of the regulation
- Single master version, not networkable
- Detection area can be extended with slave devices
- Measuring of mixed light thanks to internal light sensor
- DALI output power can be increased with accessories
- Integrated daylight harvesting circuit (or switch output)
- Adjustable switch-on value
- Last value - Reminder function for switch-on value
- Adjustable brightness set value and reflection factor
- Indication of the current light sensor value in the B.E.G. One App
- Self-check and display of device errors in the B.E.G. One App
- Status LEDs can be activated / deactivated

- PIN code
- Corridor function - Deactivates the possibility to switch off the light via the push-button
- Number of DALI participants can be determined quickly and reliably via the B.E.G. Online DALI Line Planner
- Software is backwards compatible with the first generation (except DSI, double lock and corridor function)
- Factory setting 10 min follow-up time and 500 lux brightness set value
- Spring clips for quick and easy installation in suspended ceilings and light fittings
- Includes 45 mm cover ring and blinds
- Power supply passes through the hole in the ceiling for the detector (34 mm Ø)
- **Application examples:**  
entrance halls, corridors/hallways, small offices

## Technical Data

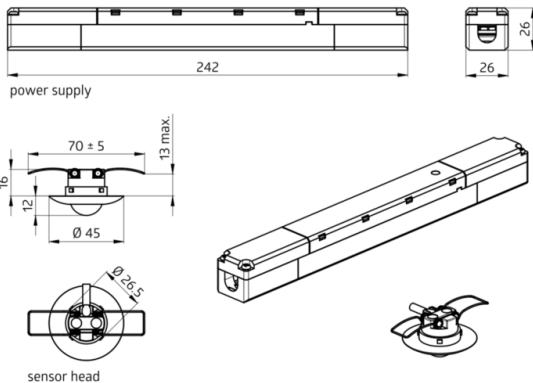
<b>Voltage:</b>	230 V AC ±10% 50 Hz
<b>Dimensions:</b>	Sensor head: Ø 45 x 28 mm, Power supply: 240 x 26 x 26 mm
<b>Power consumption:</b>	approx. 2 W
<b>slave devices:</b>	up to 8
<b>Detection area:</b>	horizontal 360° (Ceiling mounting)
<b>Range:</b>	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
<b>Monitored area (tangential movement):</b>	78 m <sup>2</sup> / 2,5 m mounting height
<b>Mounting height min./max./recommended:</b>	2 m / 5 m / 2,5 m
<b>Degree / class of protection:</b>	IP20 / Class II
<b>Impact strength:</b>	IK03
<b>Ambient temperature:</b>	-25 °C to +50 °C
<b>Housing:</b>	polycarbonate, UV-resistant
<b>Cable length:</b>	50 cm
	<b>Channel 1 (lighting control)</b>
<b>DALI output:</b>	80 mA (-), 125 mA (max.), shut down mechanism
<b>supported control gear:</b>	DT0, DT5, DT6, DT7
<b>supported control devices:</b>	- (single master)
<b>Follow-up time:</b>	1 min - 150 min
<b>Orientation light:</b>	10 - 30 % / OFF / 5 min - 60 min / ∞
<b>Brightness set value:</b>	10 - 2500 Lux Mixed light measuring

## Description

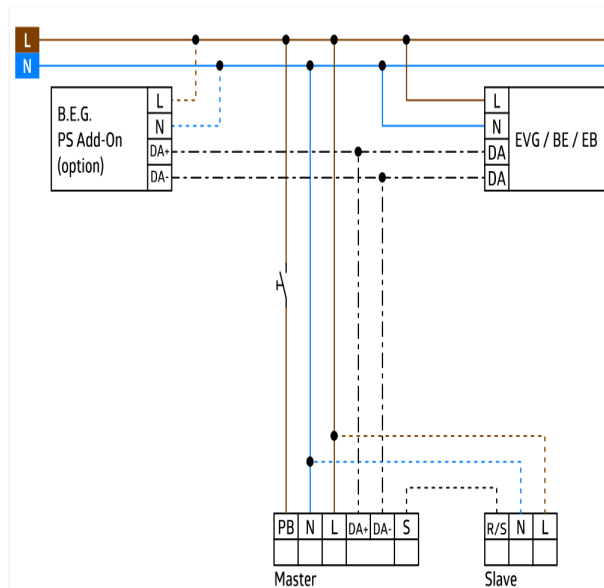
Description	Colour	Part number	EAN number
PD9N-M-DACO DALI-2	white mat, similar to RAL9010	93470	4007529934706

## Accessory

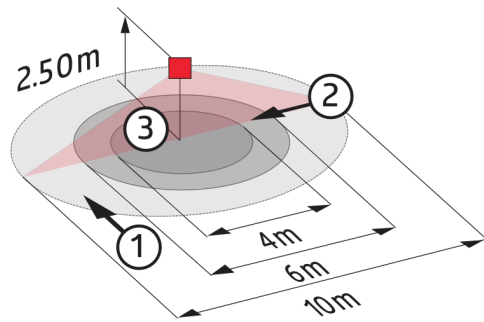
Description	Colour	Part number	EAN number
BLE-IR-Adapter	black	93067	4007529930678
IR-Adapter for Smartphones	black	92726	4007529927265
IR-PD-DALI	-	92094	4007529920945
IR-PD-DALI-LD	-	92652	4007529926527
IR-PD-DALI-E	-	92122	4007529921225
IR-PD-DALI-Mini	-	92112	4007529921126
Cover IP65	transparent	92958	4007529929580
Cover ring PD9 Ø 36 mm	anthracite glossy	92235	4007529922352
Cover ring PD9 Ø 36 mm	white glossy	92238	4007529922383
Cover ring PD9 Ø 36 mm	silver glossy	92237	4007529922376
Cover ring PD9 Ø 45 mm	white mat	92327	4007529923274
Cover ring PD9 Ø 45 mm	silver mat	92346	4007529923465
Square design frame PD9-FC	pure white mat, similar to RAL9010	92993	4007529929931



Dimensions 93470



Wiring diagrams



### Range diagram

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