

### LON - Occupancy detectors

## PD4N-LON



white mat, similar to RAL9010 , Part No. 92831      white mat, similar to RAL9010 , Part No. 92834

### Product Information

**Product being phased out- contact us for details**

- LON occupancy detector with integrated light sensor for daylight-dependent lighting regulation
- The following device functions are provided as bus variables:
  - 1 x Light sensor
  - 2 x Occupancy sensor
  - 2 x Occupancy & Light controller
  - 2 x Occupancy controller
  - 2 x Sunblind Switch
  - 1 x SCC Command Module
  - 3 x push button function
  - 1 x Scene Panel
- Full-automatic or Semi-automatic operation mode
- Switching or Constant Light control modes
- Easy interface to HVAC systems
- FT5000 LON transceiver
- All configuration properties changeable via network variables
- Remote control (optional)
- Settings with the LON installation tool
- Adjustable on and off delay for orientation light when no people are present
- The products are supported up to and including Windows 7
- **Application examples:**  
staircases, small offices, open-plan offices, conference rooms, classrooms/seminar rooms, sports halls/  
storage rooms

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## Technical Data

<b>Voltage:</b>	24 V AC / DC +/- 20%
<b>Dimensions:</b>	FC= Ø 98 x 63 mm SM= Ø 97 x 84 mm
<b>typ. power input:</b>	12 mA at 24 V DC 20 mA at 24 V AC
<b>Power consumption:</b>	< 0.5 W
<b>Detection area:</b>	horizontal 360° (Ceiling mounting)
<b>Range:</b>	max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
<b>Monitored area (tangential movement):</b>	450 m <sup>2</sup> / 2.5 m mounting height
<b>Mounting height min./max./recommended:</b>	2 m / 10 m / 2.5 m
<b>Degree / class of protection:</b>	FC= IP20 / Class II SM= IP20 / Class II
<b>Ambient temperature:</b>	+5 °C to +50 °C
<b>Housing:</b>	polycarbonate, UV-resistant
<b>Brightness set value:</b>	0 - 2000 Lux Mixed light measuring

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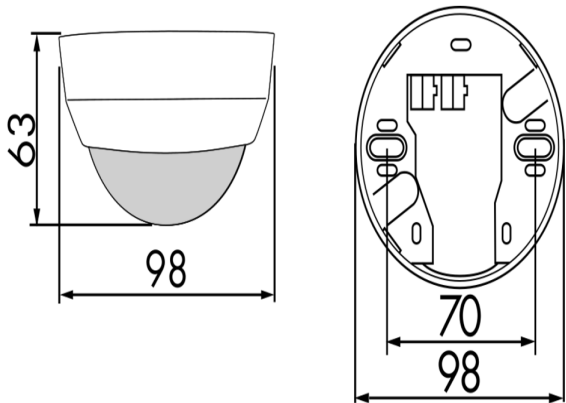
## Description

Description	Colour	Part number	EAN number
PD4N-LON-FC	white mat, similar to RAL9010	92831	4007529928316
PD4N-LON-SM	white mat, similar to RAL9010	92834	4007529928347

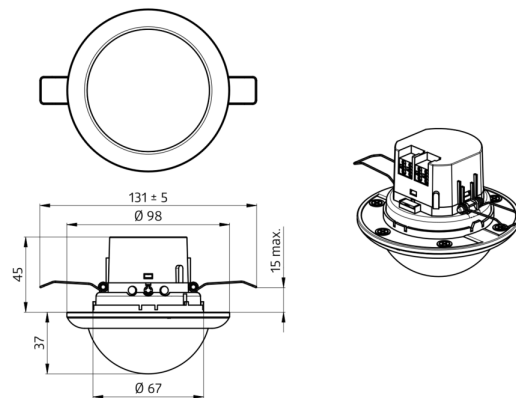
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## Accessory

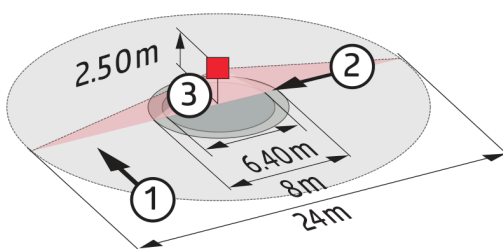
Description	Colour	Part number	EAN number
BLE-IR-Adapter	black	93067	4007529930678
IR-PD-LON	-	92835	4007529928354
Wire basket BSK (Ø 200 x 90 mm)	white	92199	4007529921997
Square design frame PD4-FC	pure white mat, similar to RAL9010	92992	4007529929924



Dimensions 92834

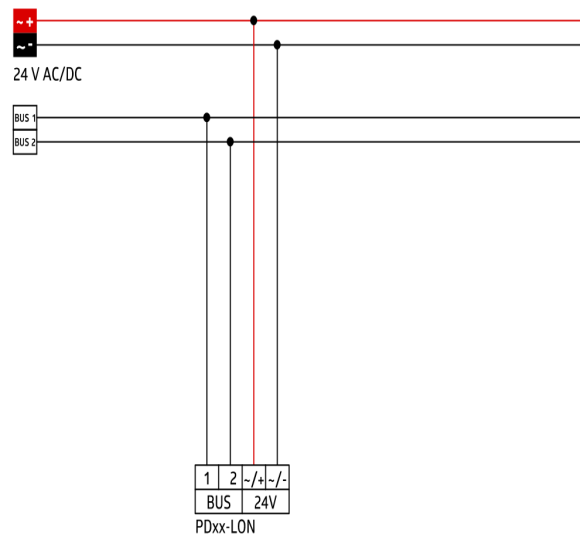


Dimensions 92831



### Range diagram

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



### Wiring diagrams