

### MSensor G3 PIR 5DPI

DALI-2 multi-sensor



#### Product description

- \_ Sensor developed to work with the latest DALI specification
- \_ Monitoring of ambient light and motion detection
- \_ Remote control interface allowing infrared remote control interaction
- \_ Individual adjustment of the parameters with configuration software
- \_ Power supply via DALI line
- \_ Shutter for preventing movement detection in one direction included
- \_ Small dimensions allowing easy and inconspicuous integration in luminaries
- \_ Wide range of accessories allowing extended application range
- \_ 5 years guarantee

#### Housing properties

- \_ Casing: polycarbonat, black or white
- \_ Type of protection IP20

#### Note

- \_ Tridonic MSensor G3 family sensors are developed according to DALI Standard EN 62386-101 Ed.2, also known as DALI-2. To be able to use the sensor in such installation, an application controller is necessary.
- \_ List of approved application controller can be found on our WEB page in "Downloads" in document "Application\_controllers\_MSensor\_G3.pdf".

#### Website

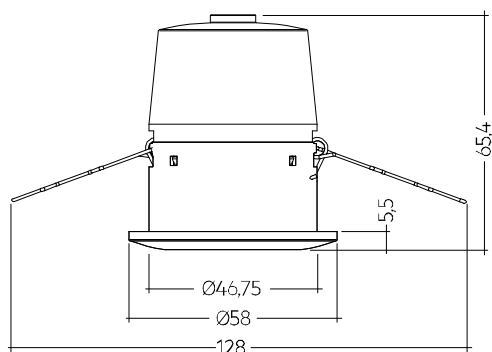
<http://www.tridonic.com/28002386>



**MSensor G3 PIR 5DPI**

DALI-2 multi-sensor

The complete data sheet for this product is available in the Downloads section.

**Ordering data**

| Type <sup>①</sup>   | Article number | Figure | Colour | Dimensions L x W x H  | Packaging, carton | Weight per pc. |
|---|----------------|--------|--------|-----------------------|-------------------|----------------|
| MSensor G3 SRC 30 PIR 5DPI WH Remote ceiling installation | 28002386       | 2      | White  | 58.0 x 58.0 x 65.4 mm | 10 pc(s).         | 0.037 kg       |

**Technical data**

|   |                |
|---|----------------|
| Supply via  | DALI cable     |
| Supply voltage <sup>②</sup>   | 9.5 – 22.5 V   |
| Current consumption (no LED)  | ≤ 8 mA         |
| Current consumption (with LED)  | ≤ 9 mA         |
| Mounting height   | 5 m            |
| Mounting hole diameter  | 14.1 mm        |
| Detection angle for PIR detection   | 84°            |
| Detection angle for light measurement                                       | 30° – 60°      |
| Detection range for light measurement <sup>③</sup>                          | 0.5 – 2,000 lx |
| Min. temperature difference between ambient temperature and detected object | ± 4 °C         |
| Ambient temperature ta  | -20 ... +50 °C |
| tc  | 60 °C          |
| Storage temperature ts  | -25 ... +60 °C |
| Type of protection  | IP20           |
| Guarantee   | 5 Year(s)      |

**Approval marks****Standards**

EN 61347-2-11, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 62386-101 (DALI-2), EN 62386-103, EN 62386-301, EN 62386-303, EN 62386-304, EN 62386-332

① Uin acc. IEC 62386-101.

② The measured value at the sensor head corresponds to approx. 3 to 6,300 lux on the surface measured.

③ 28002878: bundle incl. 28002384 and 28001872.