

MSensor G3 PIR 5DPI

DALI-2 multi-sensor



Product description

- _ Sensor developed to work with the latest DALI specification
- _ Monitoring of ambient light and occupancy 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 occupancy detection in one direction included
- _ Small dimensions allowing easy and inconspicuous integration in luminaries
- _ Wide range of accessories allowing extended application range
- _ 28002878: bundle incl. 28002384 and 28001872.
- _ 5 years guarantee (conditions at <https://www.tridonic.com/manufacture-guarantee-conditions>)

Housing properties

- _ Casing: polycarbonate, 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

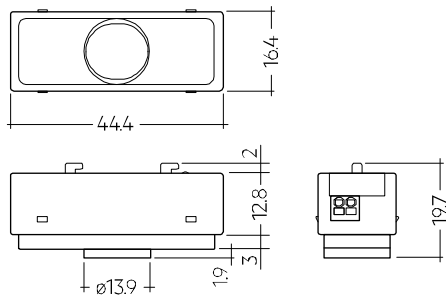
<http://www.tridonic.com/28002384>



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

**Ordering data**

Type	Article number	Suitable for	Colour	Dimensions L x W x H	Packaging, carton	Weight per pc.
MSensor G3 SFI 30 PIR 5DPI WH Luminaire installation	28002384	Luminaire installation	White	44.4 x 16.4 x 19.7 mm	40 pc(s).	0.010 kg

Technical data

Supply via	DALI cable
Supply voltage ^①	9.5 – 22.5 V
Current consumption (no LED)	≤ 8 mA
Current consumption (with LED)	≤ 9 mA
Supported operating modes	0 or 128 (default)
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 ^②	0.5 – 2,000 lx
Min. temperature difference between ambient temperature and detected object	± 4 °C
Ambient temperature t _a	-20 ... +50 °C
t _c point	60 °C
Storage temperature t _s	-25 ... +60 °C
Type of protection	IP20
Guarantee (conditions at www.tridonic.com)	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, EN 62386-103, EN 62386-301, EN 62386-303, EN 62386-304, EN 62386-332

① U_{in} acc. IEC 62386-101.

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