

### Basic features

Approval/Conformity	CE UKCA WEEE
Operating mode	Normal (continuous operation) Boost (continuous operation with cooling)
Scope of delivery	Ring light
Use	for Vision sensor BVS
Version	Ring light

### Display/Operation

Adjuster	no
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### Electrical connection

Cable length L	0.3 m
Conductor cross-section	0.34 mm <sup>2</sup>
Connection	M12x1-Male, 4-pin, A-coded
Connection type	Cable with connector, 0.3 m
Number of conductors	4
Polarity reversal protected	yes

### Electrical data

Current draw max.	830 mA, 1370 mA (Boost mode)
Input function	Operating mode Normal/Boost Emitter on/off
Rated operating voltage Ue DC	24 V

### Environmental conditions

Ambient temperature	-10...55 °C
IP rating	IP54

### Functional safety

MTTF (40 °C)	319 a
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### Interface

Digital inputs	Trigger
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### Material

Housing material	Aluminium, anodized, black Glass
Surface protection	anodized, black

### Mechanical data

Dimension	Ø 116 x 20.5 mm
Mounting part	Threads

### Optical features

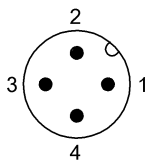
Beam angle	30 °
Illumination area	Ø 100 mm/Ø 60 mm
Illuminance (0.1 m)	19000 Lux 32500 Lux (Boost mode)
LED group per IEC 62471	Exempt Group
Light type	LED, red light
Wave length	617 nm

## Remarks

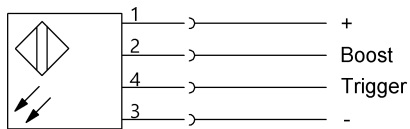
Install the device so that no direct view of the light source is possible even during operation.  
Overheating protection, shutdown at 65° C  
For additional information, refer to user's guide.  
Order accessories separately.  
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

## Connector Drawings



## Wiring Diagrams



## Warning Symbols



LED light– DO NOT LOOK INTO THE BEAM!

LED group per IEC 62471

Note: for IR radiation and in Boost mode,

use suitable shielding or eye protection.