

### Basic features

Approval/Conformity	CE UKCA WEEE
Operating mode	Normal (continuous operation)
Scope of delivery	Background light
Use	for Vision sensor BVS
Version	Background 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.	500 mA
Rated operating voltage U <sub>e</sub> DC	24 V

### Environmental conditions

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

### Functional safety

MTTF (40 °C)	452 a
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### Interface

Digital inputs	Trigger
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### Material

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

## Mechanical data

Dimension	130 x 9.5 x 205 mm
Mounting part	Threads

## Optical features

Beam angle	80 ° x 60 °
Illumination area	150 x 100 mm
Illuminance (0.1 m)	4800 Lux
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

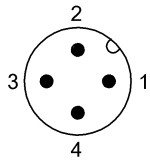
For additional information, refer to user's guide.

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

