

Basic features

Approval/Conformity	CE EAC WEEE
Basic standard	IEC 60947-5-2
Operating mode	Normal
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
Connection	M12x1-Male, 4-pin, A-coded
Connection type	Cable with connector, 0.30 m
Polarity reversal protected	yes

Electrical data

Current draw max.	375 mA
Rated operating voltage Ue DC	24 V

Environmental conditions

Ambient temperature	-10...55 °C
Protection degree	IP54

Functional safety

MTTF (40 °C)	309 a
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Material

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

Mechanical data

Dimension	80 x 9.5 x 105 mm
Mounting	Screws

Optical features

Beam angle	35 ° x 35 °
Illumination area	50 x 50 mm
LED group per IEC 62471	Risk group 1
Light type	LED infrared
Wave length	875 nm

Output/Interface

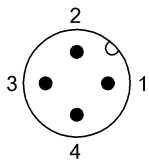
Digital inputs	Trigger
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Remarks

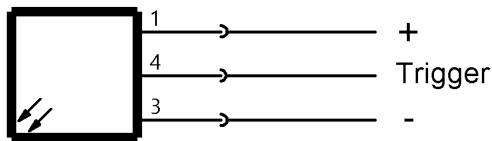
Install the device so that no direct view of the light source is possible even during operation.
For additional information, refer to user's guide.
Order accessories separately.
For more information about MTTF and B10d see MTTF / B10d Certificate

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.