

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.	830 mA
Rated operating voltage Ue DC	24 V

Environmental conditions

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

Functional safety

MTTF (40 °C)	455 a
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Material

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

Mechanical data

Dimension	130 x 9.5 x 205 mm
Mounting	Screws

Optical features

Beam angle	80 ° x 60 °
Illumination area	150 x 100 mm
LED group per IEC 62471	Risk group 1
Light type	LED infrared

Wave length 875 nm

Output/Interface

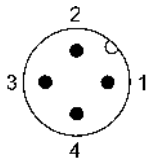
Digital inputs Trigger

Remarks

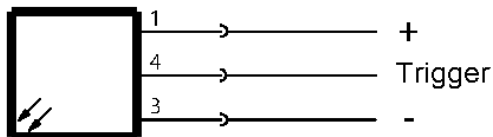
Install the device so that no direct view of the light source is possible even during operation.
For additional information, refer to user's guide.
Order accessories separately.
For more information about MTTF and B10d see MTTF / B10d Certificate

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.