

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 |
|----------|----|

Electrical connection

| | |
|-----------------------------|-----------------------------|
| Cable length L | 0.3 m |
| Conductor cross-section | 0.34 mm ² |
| 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. | 750 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) | 434 a |
|--------------|-------|

Interface

| | |
|----------------|---------|
| Digital inputs | Trigger |
|----------------|---------|

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

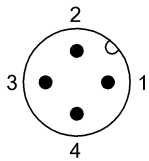
| | |
|-------------------------|------------------|
| Beam angle | 30 ° |
| Illumination area | Ø 100 mm/Ø 60 mm |
| LED group per IEC 62471 | Risk group 1 |
| Light type | LED infrared |
| Wave length | 875 nm |

Remarks

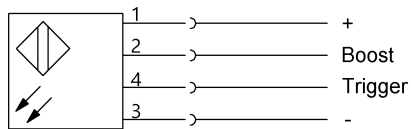
Install the device so that no direct view of the light source is possible even during operation.
Overheating protection, shutdown at 65° C
For additional information, refer to user's guide.
Order accessories separately.
For more information about MTTF and B10d see MTTF / B10d Certificate

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.