

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

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. | 625 mA |
| Rated operating voltage U_e DC | 24 V |

Environmental conditions

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

Functional safety

| | |
|---------------------|-------|
| MTTF (40 °C) | 421 a |
|---------------------|-------|

Interface

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

Material

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

Mechanical data

| | |
|---------------|--------------------|
| Dimension | 180 x 9.5 x 255 mm |
| Mounting part | Threads |

Optical features

| | |
|-------------------------|----------------|
| Beam angle | 100 ° x 80 ° |
| Illumination area | 200 x 150 mm |
| Illuminance (0.1 m) | 5100 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

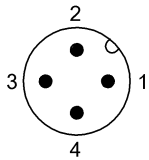
For additional information, refer to user's guide.

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

