

Interface

Switching output PNP normally open (NO)

Material

Housing material Stainless steel

Material sensing surface PMMA

Mechanical data

Dimension Ø 8 x 40 mm

Mounting part Nut M8x1

Optical features

Beam characteristic Divergent
LED group per IEC 62471 Exempt Group
Light spot size Ø 3.0 mm Light exit
Light type LED, red light
Principle of optical operation Diffuse sensor, energetic
Switching function, optical Light-on
Wave length 645 nm

Range/Distance

Range 1...60 mm
Rated operating distance Sn 60 mm

Remarks

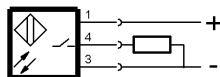
Order accessories separately.
For additional information, refer to user's guide.
Only for applications per NFPA 79 (machines with a supply voltage of maximum 600 V). Use an R/C (CYJV2) cable with suitable properties for attaching the device.
Actuation object (target): gray card, 200 x 200, 90 % remission, lateral approach, approach direction vertical to lens axis plane.
The sensor is functional again after the overload has been eliminated.
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



Opto Symbols

