

Material

Housing material	ABS
Material jacket	PVC
Material sensing surface	PMMA

Mechanical data

Dimension	12 x 34 x 21.6 mm
Mounting part	Screw M3

Optical features

Beam characteristic	Focused
Light spot size	2 x 2 mm at 60 mm
Light type	LED Blue light
Principle of optical operation	FixFokus
Special optical feature	Fixed focus Background suppression starting at 100 mm
Switching function, optical	Light/dark switching
Wave length	450 nm

Range/Distance

Range	0...80 mm
Rated operating distance Sn	80 mm

Remarks

The sensor is functional again after the overload has been eliminated.

Reference object (target): gray card, 100 x 100, 90 % remission, axial approach.

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.

For additional information, refer to user's guide.

Order accessories separately.

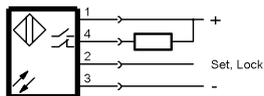
Do not press key using a pointed tool.

When using as a UL product the ambient temperature Ta max. must not exceed 50°C.

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.

Wiring Diagrams (Schematic)



Opto Symbols

