

Environmental conditions

Ambient temperature	-20...60 °C
EN 60068-2-27, Shock	Half-sinus, 30 g _n , 11 ms, 3x6
EN 60068-2-6, Vibration	55 Hz, amplitude 1 mm, 3x30 min
IP rating	IP65

Interface

Switching output	NPN normally open/normally closed (NO/NC) PNP normally open/normally closed (NO/NC)
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Material

Housing material	Aluminium, Anodized
Material sensing surface	Glass
Surface protection	Anodized

Remarks

Order accessories separately.
For additional information, refer to user's guide.
Reference object (target): Steel plate, 50 x 50, thickness 0.5 mm, lateral approach.
The sensor is functional again after the overload has been eliminated.

Mechanical data

Dimension	20 x 26 x 90 mm
Fork opening	2 mm
Mounting part	Screw M4

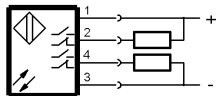
Optical features

Ambient light max.	10000 Lux
Beam characteristic	Divergent
Light spot size	0.5 x 4 mm Light exit
Light type	green light/red light
Principle of optical operation	Through-beam sensor
Smallest part typ.	0.50 mm
Switching function, optical	dark-on/light-on
Wave length	536 nm/636 nm

Connector Drawings



Wiring Diagrams



Opto Symbols

