

BGL 10A-001-S49 BGL0001

Material

Housing material	Zinc, Die casting
Material sensing surface	Glass
Surface protection	painted

Mechanical data

Dimension	10 x 30 x 54 mm
Fastening detail	Screw M4
Fork opening	10 mm
Smallest part typ.	0.30 mm

Optical data

Ambient light max.	5000 Lux
Beam characteristic	Divergent
Light type	LED Red light
Principle of optical operation	Through-beam sensor
Wave length	636 nm

Output/Interface

Switching output	PNP Normally open/Normally closed (NO/NC)
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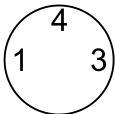
Range/Distance

Ripple max. (% of Ue)	10 %
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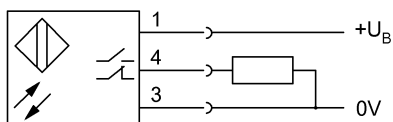
Remarks

Order accessories separately.
For additional information, refer to user's guide.
Factory default setting for switching output: Normally open.
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.
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.

Connector view



Wiring Diagram



Symbols for Optoelectronic Sensors

