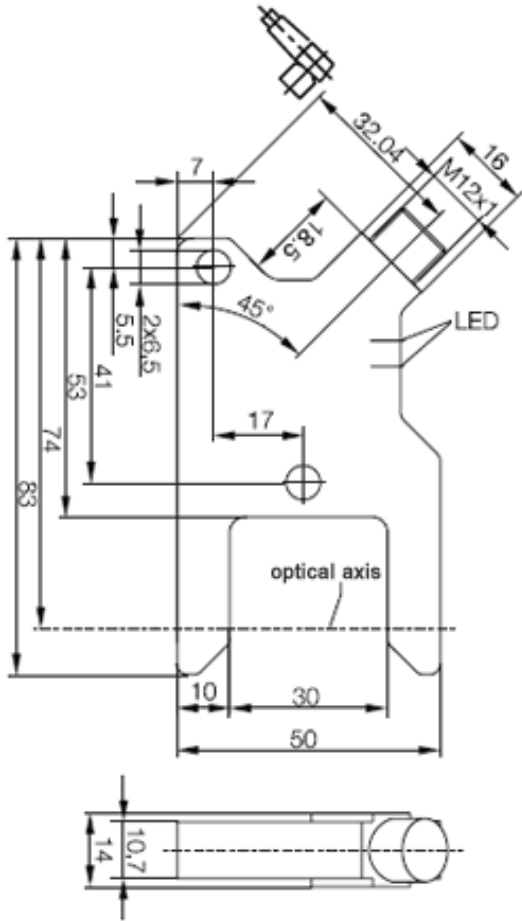


Photoelectric Sensor
BGL 30B-001-S4
Sn=mm
Fork-through-beam



Common Data

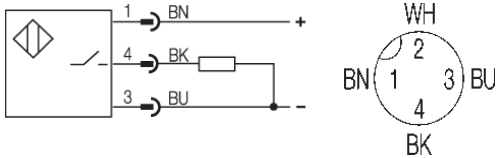
Series	BGL
Sensortype	Fork-through-beam
Switching frequency	1000 Hz
Indication Supply Voltage	yes, green LED
Indication Switching element on	yes, yellow LED
Ambient temperature	-10...+60°C
Light	Infrared
Wavelength / Laser protection class	880nm
Permissible ambient light	5000
Output function	dark-on
Slot spacing	30 mm

Mechanical Data

Measurements	50x83x14
Housing material	stainless steel
Material of sensing face	PMMA
Degree of protection	IP67
Connection	Connector S4 (M12)
Weight	130g
Recommended connector	BKS-S 20

Electrical Data

Current	DC
Switching function	normally-open
Output	PNP
Rated operational voltage U _e	24 DC
Rated operational current I _e	200mA
Supply Voltage	10...30V DC
Frequency of Supply Voltage	DC
No-load supply current	≤ 35mA
Voltage drop	<2,5V
Short protection	yes
Protected against polarity reversal	yes



Utilization categories
 Insulation class

DC 13

Datasheet number:

Definitions see general catalog.
 If not otherwise noted, ratings according to
 IEC 60947-5-2 (DIN EN60947-5-2)

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