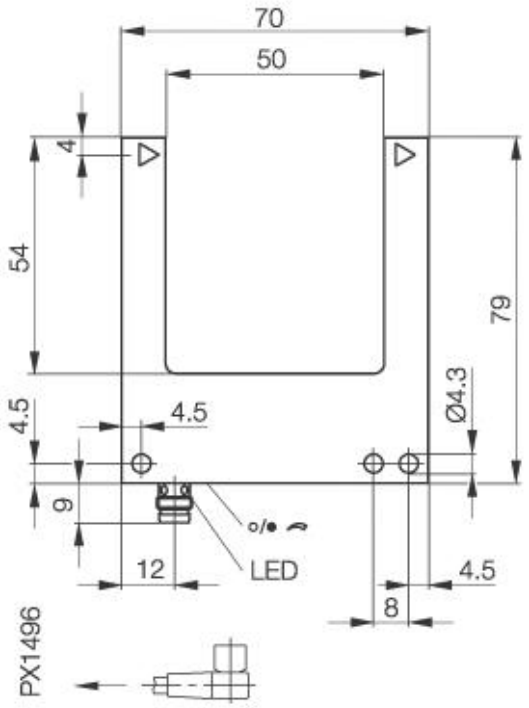


Photoelectric Sensor
BGL 50A-001-S 49
Sn=mm
Fork-through-beam

Common Data

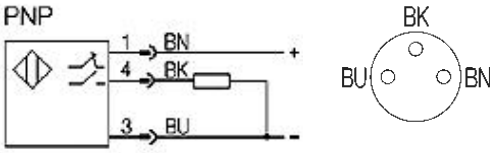
Series	BGL
Sensortype	Fork-through-beam
Switching frequency	1500 Hz
Repeat accuracy	0,04mm
Hysteresis	=0,15mm
Indication Switching element on	yes, red LED
Ambient temperature	-10...+60°C
Off-delay	80µs
Light	Red light
Wavelength / Laser protection class	640nm
Sensitivity Adjustment	Poti 270°
Permissable ambient light	5000 Lux
Output function	light-on or dark-on
Slot spacing	50
Resolution	0,5

Mechanical Data

Measurements	70x79x10
Housing material	anodized aluminium
Material of sensing face	Glass
Degree of protection	IP65
Connection	Connector S49 (M8,3-pin)
Weigth	54g
Recommended connector	BKS-S 48/BKS-S 49

Electrical Data

Current	DC
Switching function	NO/NC switchable
Output	PNP
Rated operational voltage Ue	24V DC
Rated operational current Ie	200mA
Supply Voltage	10...30V DC
Frequency of Supply Voltage	DC
No-load supply current	<35mA
Voltage drop	<3V
Short protection	yes
Protected against polarity reversal	yes



CE

Utilization categories	DC 13
Insulation class	

Datasheet number:

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

Balluff GmbH
Schurwaldstrasse 9
73765 Neuhausen a.d.F.
Phone (07158) 173-0 Fax (07158) 5010

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