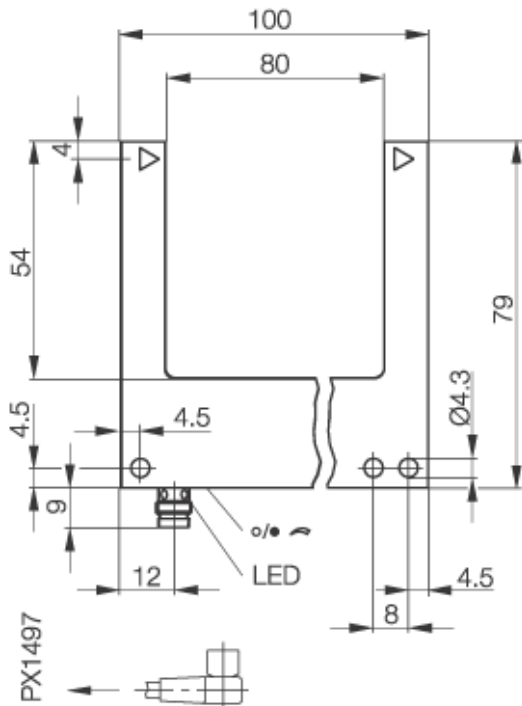


Photoelectric Sensor
BGL 80A-003-S 49
Sn=mm
Laser Fork-thru-beam



Common Data

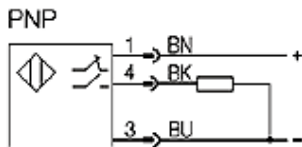
Sensortype	Laser Fork-thru-beam
Switching frequency	3000 Hz
Repeat accuracy	0,015mm
Hysteresis	=0,01mm
Indication Switching element on	yes, red LED
Ambient temperature	-10...+60°C
Off-delay	80µs
Light	Red light, 650nm
Sensitivity Adjustment	Poti 270°
Permissible ambient light	10000 Lux
Output function	light-on or dark-on
Slot spacing	80
Resolution	0,2

Mechanical Data

Measurements	100x79x10
Housing material	anodized aluminium
Material of sensing face	Glass
Degree of protection	IP65
Connection	Connector S49 (M8 3-pin)
Weigth	77g
Recommended connector	BKS-S 48/BKS-S 49

Electrical Data

Current	DC
Switching function	NC/NO 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



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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