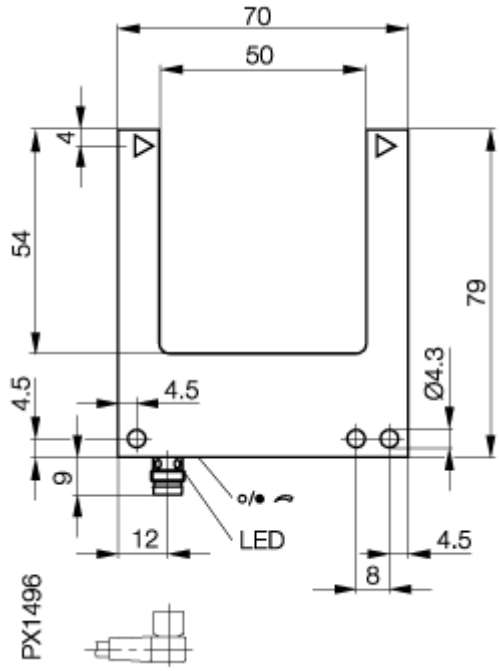
Optoelectronic Sensors
BGL 50A-001-S 49

Fork-thru-beam
70x79x10
slot wide=50mm



Common Data

Sensortype		Fork-thru-beam
Switching frequence		1500 Hz
slot width	mm	50
Repeat accuracy		0,04mm
Hysteresis		≤0,15mm
Resolution	mm	0,5
Indication switching element		yes, red LED
Ambient temperature	°C	-10...+60
Light		Red light 640nm
Sensitivity adjustment		Poti: 0...270°
Permissable ambient light	lux	5000

Mechanical Data

Measurements BxHxT or DxT	mm	70x79x10
Housing material		anodized aluminium
Material of sensing face		Glass
Degree of protection	IP	65
Connection		Connector S49 (M8 3-pin)
Weight		54g
Recommended connector		BKS-S 48/BKS-S 49

Electric Data

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

Approvals

Utilization categories DC13

If not differently indicated,
all values by IEC 947-5-2 (DIN EN60947-5-2)

Specifications subject to change

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