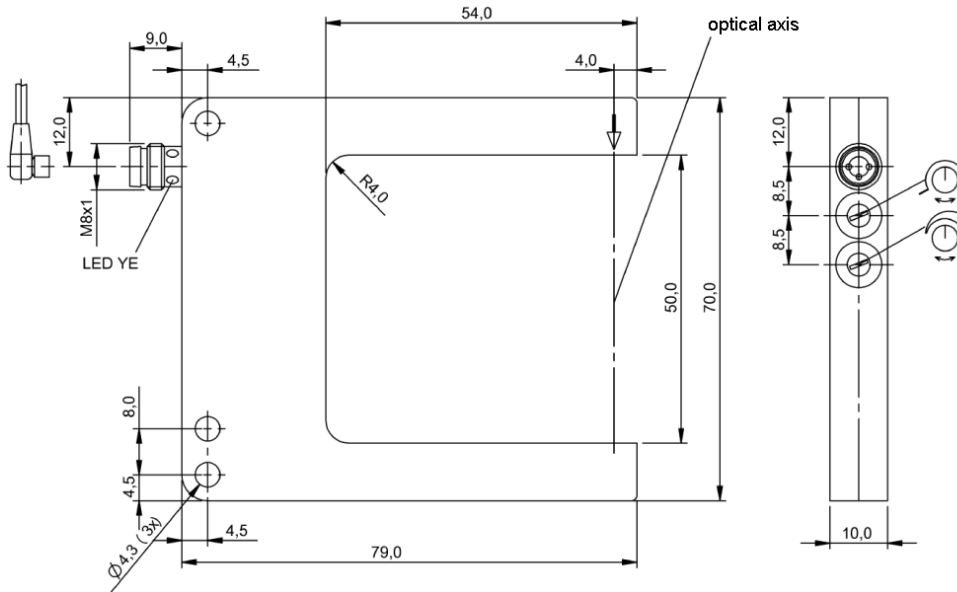


BGL 50A-001-S49  
BGL001J

50 mm  
PNP

**BALLUFF**  
sensors worldwide



**Electrical data:**

Operating frequency (f)	1500 Hz
Current Consumption I <sub>o</sub> max. (No Load)	35 mA
Supply voltage min.	10 V
Supply voltage max.	30 V
Voltage drop U <sub>d</sub> max. at I <sub>e</sub>	3 V
Load current capacity max. (I <sub>e</sub> )	200 mA
Switching output	PNP
Switching element function	NO/NC switchable
Hysteresis max (H)	=0,15

**Mechanical data:**

Ambient temperature max.	+60 °C
Ambient temperature min.	-10 °C
weight	54 g
repeatability	0,04 mm
Sensing face material	Glass
Housing material	GD Zn
Resolution max.	0,4 mm
Slot width	50 mm

**General data:**

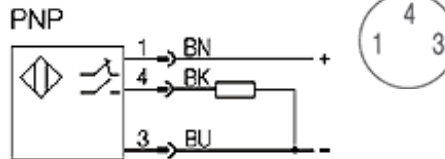
Function indication	yes, yellow LED
Short circuit protected	yes
Degree of protection IP	IP 67
Protected against polarity reversal	yes
sensitivity adjustment	Potentiometer: 0...270°
Type	Fork-thru-beam

**Optical data:**

Emitter type	red light
wave length of emitted Light	640
permissible ambient light	5000

**Wiring:**

Pinout:  
Pinout



[www.balluff.com](http://www.balluff.com)

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Balluff Asia: +86 21-50 64 41 31

Online Productinformation  
2010-03-12