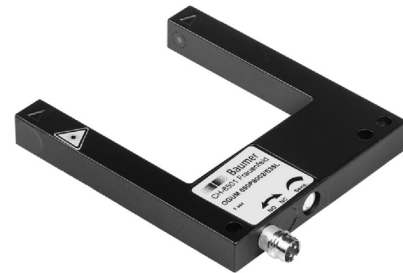


Overview

- through beam sensor
- 50 mm
- pulsed red laser diode
- NPN
- potentiometer, 270°
- connector M8, 3 pin
- -25 ... +60 °C
- IP 67



Picture similar

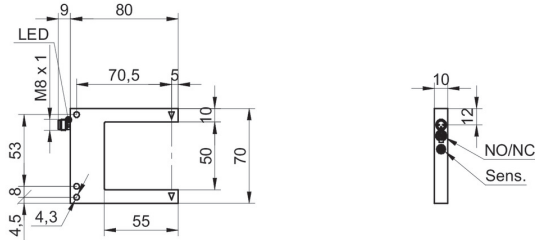


Technical data

General data		Electrical data	
Type	Through beam sensor	Current consumption max. (no load)	30 mA
Object size	> 0.1 mm	Output function	Light / dark operate switchable
Repeat accuracy	0.02 mm	Output circuit	NPN
Response time / release time	< 0.1 ms	Voltage drop Vd	<2.8 VDC
Hysteresis	< 0.05 mm	Output current	200 mA
Sensitivity adjustment	Potentiometer, 270° IO-Link	Short circuit protection	Yes
Light source	Pulsed red laser diode	Reverse polarity protection	Yes
Wave length	670 nm	Mechanical data	
Laser class	1	Width / diameter	70 mm
Light indicator	LED yellow	Fork width Sb	50 mm
Communication interface		Height / length	80 mm
IO-Link	Yes	Penetration depth	55 mm
Interface	IO-Link V1.1	Depth	10 mm
Electrical data		Design	U profile
Switching frequency	5000 Hz , default 2000 Hz 1000 Hz 10000 Hz	Housing material	Die-cast zinc
Voltage supply range +Vs	10 ... 30 VDC	Connection types	Connector M8, 3 pin
		Ambient conditions	
		Operating temperature	-25 ... +60 °C
		Protection class	IP 67

The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

Dimension drawing

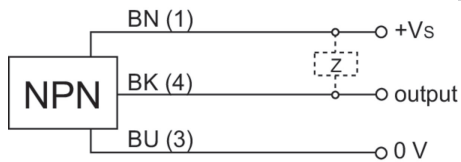


Laser warning

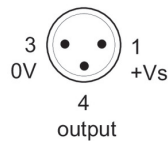
**CLASS 1 LASER
PRODUCT**

IEC 60825-1/2014
Complies with 21 CFR 1040.10 and
1040.11 except for conformance with
IEC 60825-1 Ed. 3., as described in
Laser Notice No. 56, dated May 8, 2019

Connection diagram



Pin assignment



Accessories

Mounting accessories

11707685	Mounting rod with mounting plate holder 200 mm
11707686	Mounting rod with mounting plate holder 300 mm
11707688	Mounting rod 200 mm
11707697	Mounting rod 250 mm
11707698	Mounting rod with mounting plate holder 250 mm
11707687	Mounting rod 300 mm
11707702	Mounting base
11707703	Two-way connector