

overview

- through beam sensor
- 50 mm
- pulsed red laser diode
- PNP
- potentiometer, 270°
- connector M8, 3 pin
- 5 ... 45 °C
- IP 67



Picture similar

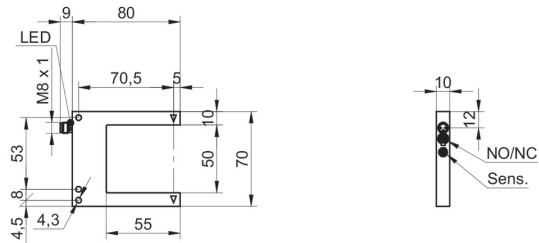


Technical data

general data		electrical data	
type	through beam sensor	voltage supply range +Vs	10 ... 30 VDC
object size	> 0,1 mm	current consumption max. (no load)	30 mA
repeat accuracy	< 0,02 mm	output function	light / dark operate switchable
hysteresis	< 0,05 mm	output circuit	push-pull
ambient light immunity	< 5 kLux	voltage drop Vd	< 2,8 VDC
sensitivity adjustment	potentiometer, 270° IO-Link	output current	< 200 mA
light source	pulsed red laser diode	short circuit protection	yes
wave length	670 nm	reverse polarity protection	yes
laser class	1	mechanical data	
light indicator	LED yellow	width / diameter	70 mm
communication interface		fork width Sb	50 mm
IO-Link	yes	height / length	80 mm
interface	IO-Link V1.1	penetration depth	55 mm
electrical data		depth	10 mm
response time / release time	< 0,166 ms	type	U profile
switching frequency	< 5000 Hz	housing material	die-cast zinc
	< 2000 Hz	connection types	connector M8, 3 pin
	< 1000 Hz	ambient conditions	
	< 10000 Hz	operating temperature	-25 ... +60 °C
		protection class	IP 67

2020-09-23 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 deviations pursuant to laser
notice No. 50, dated June 24, 2007