

Overview

- Intuitive OLED display
- Programmable input configurations
- Crosstalk suppression between two sensors without cables
- Six AUTOSSET modes
- IO-Link interface independent of the switching output (dual channel)
- Extended parameterization options and additional diagnostic data



Picture similar

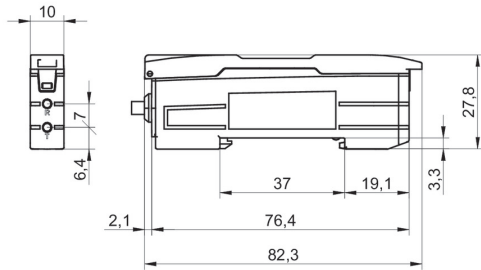


Technical data

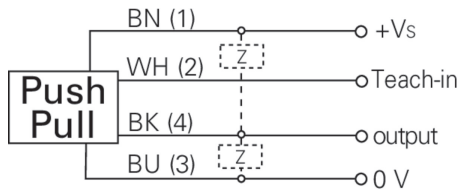
General data		Electrical data	
Version	IO-Link dual channel	Response time / release time	0.05 ms (Ultra High Speed Mode) 0.125 ms (High Speed Mode) 0.25 ms (Standard Mode) 1 ms (High Resolution Mode) 4 ms (Long Range Mode) 16 ms (Ultra Long Range Mode)
Light source	Pulsed red LED	Voltage supply range +Vs	8 ... 30 VDC
Light indicator	OLED display	Current consumption max. (no load)	50 mA
Output indicator	LED red	Current consumption typ.	30 mA
Adjustment	Teach-in and IO-Link	Voltage drop Vd	<2 VDC
Wave length	660 nm	Output function	Light / dark operate switchable
Suppression of reciprocal influence	Yes	On / off delay	0.1 ... 9999 ms
Communication interface		Output circuit	IO-Link / push-pull
Interface	IO-Link V1.1	Output current	150 mA
Cycle time	≥ 1 ms	Short circuit protection	Yes
Process data length	32 Bit	Reverse polarity protection	Yes
Process data structure	Bit 0 = SSC1 Bit 2 = quality Bit 8-15 = scale factor Bit 16-31 = 16 Bit measurement	Mechanical data	
IO-Link port type	Class A	Width / diameter	10 mm
Adjustable parameters	Counter Deactivate the sensor element Operation mode Output circuit Output logic Switching point Teach-in mode Time filters	Height / length	27.8 mm
Additional data	Device status Diagnostic data	Depth	82.3 mm
		Design	Rectangular
		Housing material	Polycarbonate
		Connection types	Flylead connector M8 4 pin, L=200 mm
		Ambient conditions	
		Operating temperature	5 ... +55 °C
		Protection class	IP 50

The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change. 2024-08-27

Dimension drawing



Connection diagram



Accessories

Mounting accessories

11708560 ZADAP-FBR.BRACKET