

# OF10.FR-NW1B.B2N

Fiber optic sensors - OF10

Article number: 11224009

## Overview

- Intuitive OLED display
- Programmable input configurations
- Crosstalk rejection between two sensors without a wire
- Six AUTOSSET modes
- Advanced remote programming



Picture similar



## Technical data

### General data

Light source	Pulsed red LED
Light indicator	OLED display
Output indicator	LED red
Adjustment	Teach-in: button / external
Wave length	660 nm
Suppression of reciprocal influence	Yes

### Electrical data

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)
Voltage supply range +Vs	8 ... 30 VDC
Current consumption max. (no load)	50 mA
Current consumption typ.	30 mA

### Electrical data

Voltage drop Vd	<2 VDC
Output function	Light / dark operate switchable
On / off delay	0.1 ... 9999 ms
Output circuit	NPN
Output current	150 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

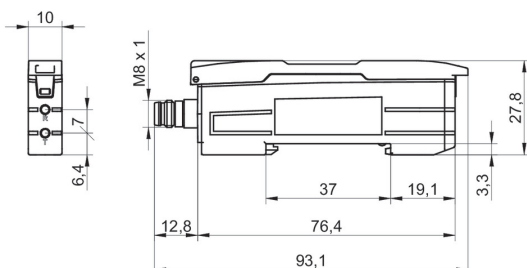
### Mechanical data

Width / diameter	10 mm
Height / length	27.8 mm
Depth	93.1 mm
Design	Rectangular
Housing material	Polycarbonate
Connection types	Connector M8 4 pin

### Ambient conditions

Operating temperature	5 ... +55 °C
Protection class	IP 50

## Dimension drawing



## Connection diagram



## Accessories

### Mounting accessories

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