

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

Actual range Sb (FSE 200C1002)	840 mm
Sensing distance Tw (FUE 200C1003)	210 mm
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

Electrical data

Current consumption typ.	30 mA
Voltage drop Vd	<2 VDC
Output function	Light / dark operate switchable
On / off delay	0.1 ... 9999 ms
Min. output pulse length	0.1 ... 9999 ms
Output circuit	NPN
Output current	150 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

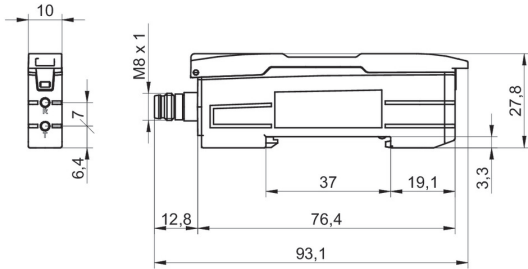
Mechanical data

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

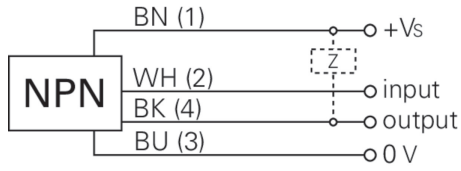
Ambient conditions

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

Dimension drawing



Connection diagram



Pin assignment

