

Overview

- preset sensing distance Tw 300 mm
- background suppression
- pulsed red LED
- push-pull
- qTeach deactivated
- connector M8 4 pin
- -25 ... 60 °C
- IP 67



Picture similar



Technical data

General data

Type	Background suppression
Sensing distance Tw	300 mm
Sensing range Tb	15 ... 300 mm
Power on indication	LED green
Light indicator	LED yellow
Sensing distance adjustment	No
Suppression of reciprocal influence	Yes
Alignment optical axis	< 2°

Light Source

Light source	Pulsed red LED
Wave length	630 nm

Electrical data

Response time / release time	< 1 ms
Voltage supply range +Vs	10 ... 30 VDC
Current consumption max. (no load)	45 mA

Electrical data

Current consumption typ.	30 mA
Voltage drop Vd	<3 VDC
Output function	Dark operate
Output circuit	Push-pull
Output current	100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

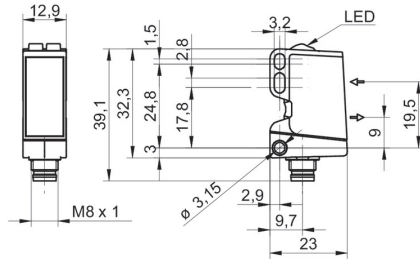
Mechanical data

Width / diameter	12.9 mm
Height / length	32.3 mm
Depth	23 mm
Design	Rectangular
Housing material	Plastic (ASA, PMMA)
Front (optics)	PMMA
Connection types	Connector M8 4 pin

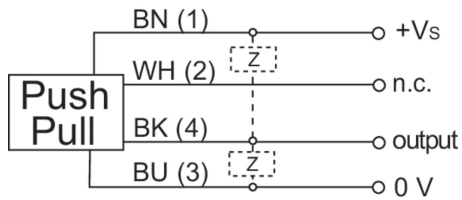
Ambient conditions

Protection class	IP 67
Operating temperature	-25 ... +60 °C

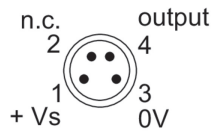
Dimension drawing



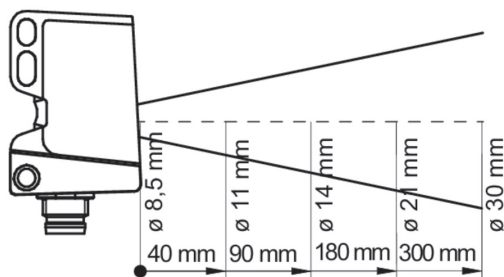
Connection diagram



Pin assignment



Beam characteristic (typically)



Sensing distance diagram

