

Overview

- light barrier
- 60 ... 1200 mm
- pulsed PinPoint LED
- push-pull
- Teach-in and IO-Link
- connector M12 4 pin
- -25 ... 60 °C
- IP 68/69K & proTect+



Picture similar



Technical data

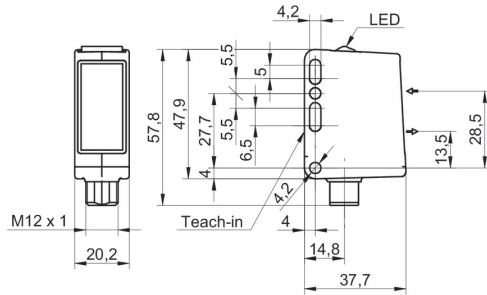
General data		Electrical data	
Type	Light barrier	Current consumption typ.	30 mA
Special type	Washdown design	Voltage drop Vd	< 3 VDC
Version	Standard object detection	Output function	Light / dark operate
Light source	Pulsed PinPoint LED	Output circuit	Push-pull
Background position Sde	60 ... 1200 mm	Output current	< 100 mA
Scanning range Sa	90% ... 82% Sde	Short circuit protection	Yes
Power on indication	LED green	Reverse polarity protection	Yes
Light indicator	LED yellow	Mechanical data	
Sensing distance adjustment	Teach-in and IO-Link	Width / diameter	20.2 mm
Wave length	630 nm	Height / length	47.9 mm
Suppression of reciprocal influence	Yes	Depth	37.7 mm
Alignment optical axis	< 1°	Type	Rectangular
Approvals/certificates	Ecolab	Housing material	Stainless steel 1.4404 (V4A)
Electrical data		Front (optics)	PMMA
Response time / release time	< 4 ms	Connection types	Connector M12 4 pin
Voltage supply range +Vs	10 ... 30 VDC	Ambient conditions	
Current consumption max. (no load)	40 mA	Protection class	IP 68/69K & proTect+
		Operating temperature	-25 ... +60 °C

2022-01-12 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

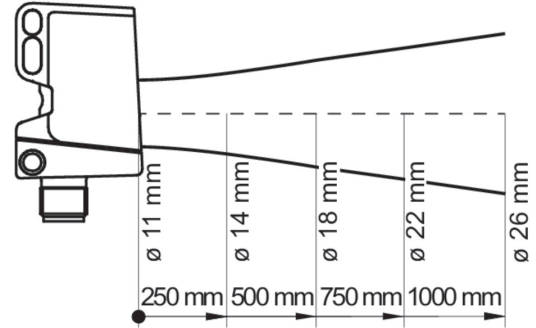
Remarks

- Magnetic Teach
- IO-Link: V1.1, filter functions, qTeach lock adjustable
- Retro series 14

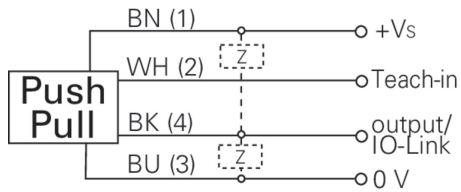
Dimension drawing



Beam characteristic (typically)



Connection diagram



Pin assignment

