

Overview

- light barrier
- 60 ... 600 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

Type	Light barrier
Special type	Washdown design
Version	Standard object detection
Light source	Pulsed PinPoint LED
Background position Sde	60 ... 600 mm
Scanning range Sa	90% ... 85% Sde
Power on indication	LED green
Light indicator	LED yellow
Sensing distance adjustment	Teach-in and IO-Link
Wave length	630 nm
Suppression of reciprocal influence	Yes
Alignment optical axis	< 1°
Approvals/certificates	Ecolab

Electrical data

Response time / release time	< 0,49 ms
Voltage supply range +Vs	10 ... 30 VDC
Current consumption max. (no load)	40 mA

Electrical data

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

Mechanical data

Width / diameter	20,2 mm
Height / length	47,9 mm
Depth	37,7 mm
Type	Rectangular
Housing material	Stainless steel 1.4404 (V4A)
Front (optics)	PMMA
Connection types	Connector M12 4 pin

Ambient conditions

Protection class	IP 68/69K & proTect+
Operating temperature	-25 ... +60 °C

O500W.SP-GW1J.PVO/H002

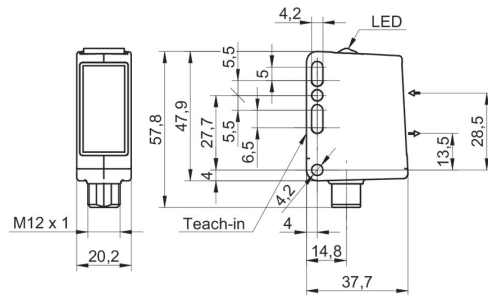
SmartReflect Light barriers - washdown

Article number: 11137002

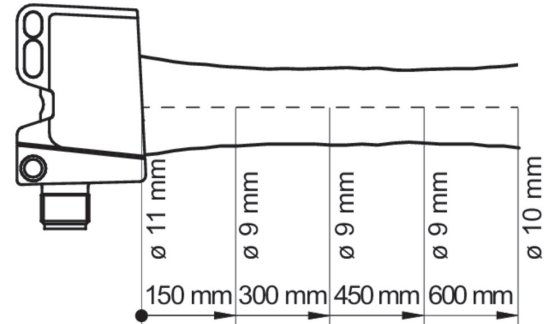
Remarks

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

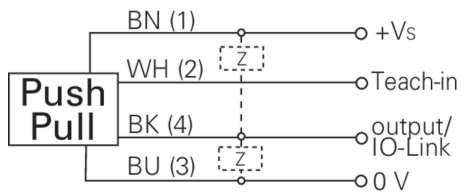
Dimension drawing



Beam characteristic (typically)



Connection diagram



Pin assignment

