SmartReflect Light barriers

O500W.SP-GW1J.PVO/B005

SmartReflect Light barriers - washdown

Article number: 11141396

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	
Type	Light barrier
Special type	Washdown design
Version	Standard object detection
Background position Sde	60 … 1200 mm
Scanning range Sa	90% ... 82% Sde
Light indicator	LED green
Output indicator	LED yellow
Sensing distance adjust-ment	Teach-in and IO-Link
Suppression of reciprocal influence	Yes
Alignment optical axis	< 1°
Approvals/certificates	Ecolab
Light Source	
Light source	Pulsed PinPoint LED
Wave length	630 nm
Electrical data	
Response time / release time	< 4 ms
Voltage supply range +Vs	10 … 30 VDC

Electrical data	
Current consumption max. (no load)	40 mA
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	47.2 mm
Depth	37.7 mm
Design	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

Remarks

- qTeach
- IO-Link: V1.1, filter functions, qTeach lock adjustable

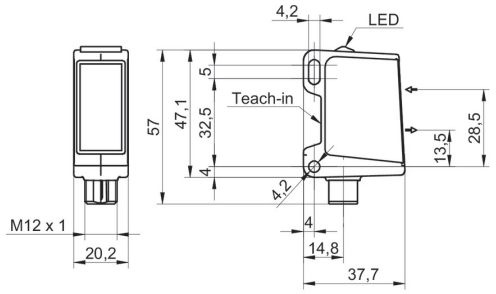
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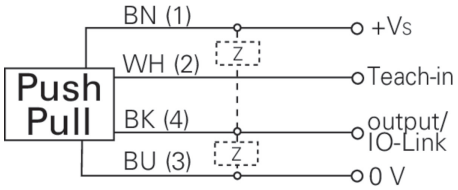
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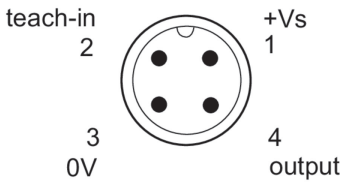
Dimension drawing



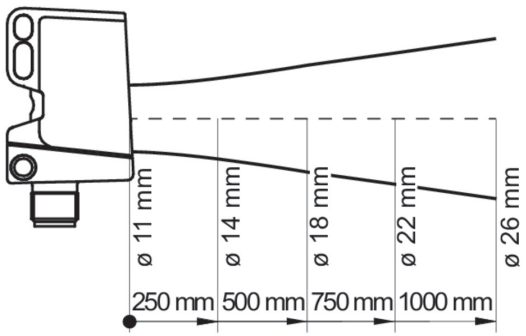
Connection diagram



Pin assignment



Beam characteristic (typically)



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