Baumer
Passion for Sensors

SmartReflect sensor

O500.SP-GD1J.72CU/B005_T003

Article number: 11210104

Overview

- Light barrier
- 60 … 1200 mm
- Pulsed PinPoint LED
- Push-pull
- qTeach / 1-Step Teach-in and IO-Link
- Cable 4 pin, 2 m
- -25 … 60 °C
- IP 67



Picture similar

Technical data

General data	
Type	Light barrier
Version	Standard object detection
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
Suppression of reciprocal influence	Yes
Alignment optical axis	< 1°
Light Source	
Light source	Pulsed PinPoint LED
Wave length	630 nm
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	18 mm
Height / length	45 mm
Depth	32 mm
Design	Rectangular
Housing material	Plastic (ASA, PMMA)
Front (optics)	PMMA
Connection types	Cable 4 pin, 2 m
Ambient conditions	
Protection class	IP 67
Operating temperature	-25 … +60 °C

Remarks

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

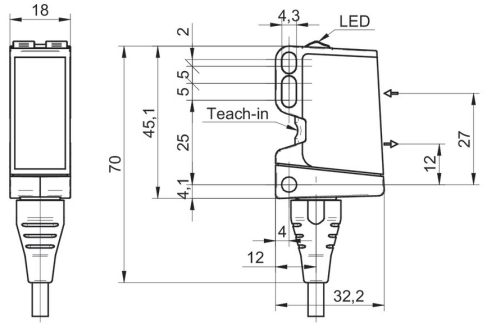
The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.
2026-08-14

SmartReflect sensor

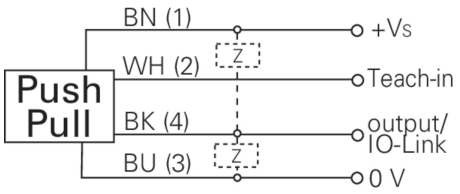
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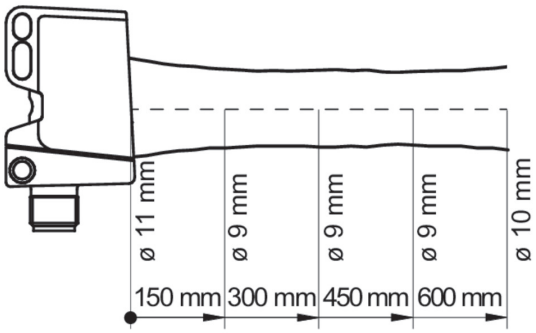
Dimension drawing



Connection diagram



Beam characteristic (typically)



Accessories

Mounting accessories	
11099942	Sensofix O500/U500
11092246	Mounting bracket O500/U500
11111164	Mounting bracket O500/U500 - Retrofit
11707685	Mounting rod with mounting plate holder 200 mm
11707686	Mounting rod with mounting plate holder 300 mm
11707688	Mounting rod 200 mm
11707697	Mounting rod 250 mm
11707698	Mounting rod with mounting plate holder 250 mm
11707687	Mounting rod 300 mm
11707699	Mounting plate series 500 and ø18 mm
11707702	Mounting base
11707703	Two-way connector

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