

O300H.GP-GW1J.PVNK

Diffuse sensors with background suppression - hygiene

Article number: 11157157

Overview

- background suppression
- 30 ... 200 mm
- pulsed PinPoint LED
- push-pull
- Teach-in and IO-Link
- flylead connector M8, L=200 mm
- -25 ... 60 °C
- IP 68/69K & proTect+



Picture similar



Technical data

General data

Type	Background suppression
Special type	Hygienic design
Sensing distance Tw	30 ... 200 mm
Sensing range Tb	15 ... 200 mm
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	< 2°
Approvals/certificates	Ecolab Adapted from EHEDG

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

Electrical data

Current consumption max. (no load)	45 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	16.5 mm
Height / length	34.6 mm
Depth	28.7 mm
Design	Rectangular
Housing material	Stainless steel 1.4404 (V4A)
Front (optics)	PMMA
Connection types	Flylead connector M8, L=200 mm

Ambient conditions

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

Remarks

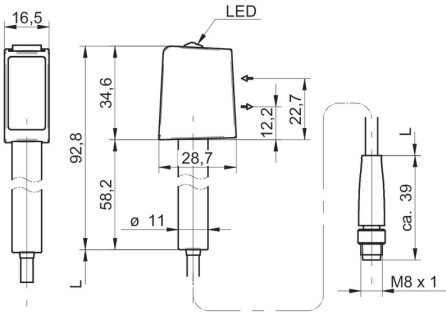
- Magnetic Teach
- IO-Link: V1.1, filter functions, qTeach lock adjustable

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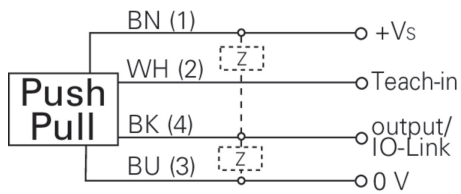
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Dimension drawing

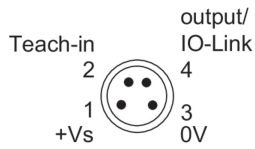


- Cable length L = 200 mm

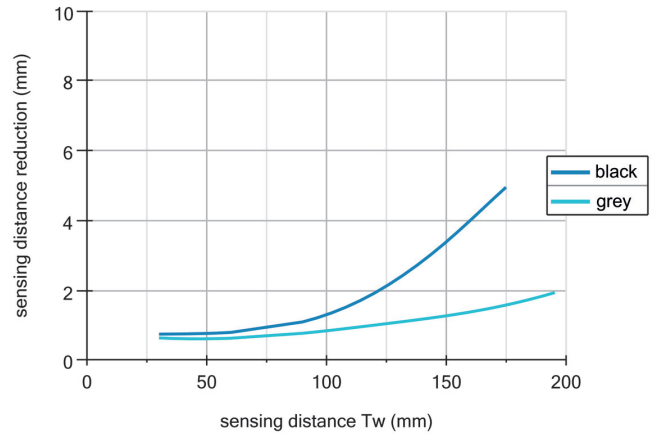
Connection diagram



Pin assignment



Sensing distance diagram



Beam characteristic (typically)

