

# O500H.GP-GW1J.PVOK

Diffuse sensors with background suppression - hygiene

Article number: 11125102

## Overview

- background suppression
- 60 ... 400 mm
- pulsed PinPoint LED
- push-pull
- Teach-in and IO-Link
- flylead connector M12, L=300 mm
- -25 ... 60 °C
- IP 68/69K & proTect+



Picture similar



## Technical data

### General data

Type	Background suppression
Special type	Hygienic design
Sensing distance Tw	60 ... 400 mm
Sensing range Tb	30 ... 400 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	< 1°
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)	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	47.7 mm
Depth	36.4 mm
Design	Rectangular
Housing material	Stainless steel 1.4404 (V4A)
Front (optics)	PMMA
Connection types	Flylead connector M12, L=300 mm

### Ambient conditions

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

## Remarks

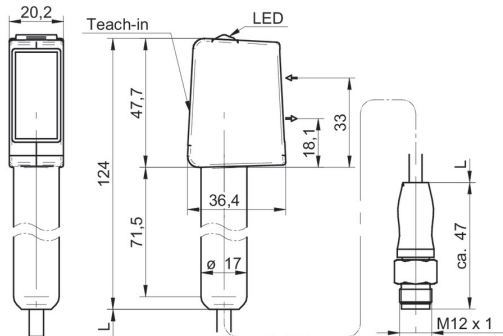
- Magnetic Teach
- IO-Link: V1.1, filter functions, qTeach lock adjustable

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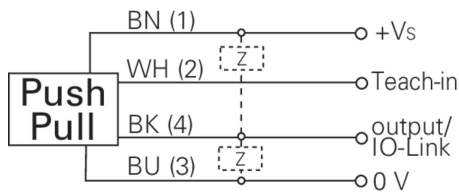
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## Dimension drawing

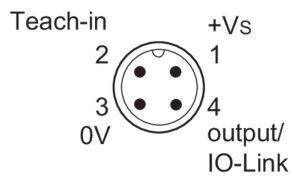


- Cable length L = 300 mm

## Connection diagram



## Pin assignment



## Beam characteristic (typically)

