

# O500H.SP.T-GW1J.PVCV/B005

SmartReflect Light barriers - hygiene

Article number: 11136929

## Overview

- light barrier
- 60 ... 1000 mm
- pulsed PinPoint LED
- push-pull
- Teach-in and IO-Link
- cable 4 pin, 2 m
- -25 ... 60 °C
- IP 68/69K & proTect+



Picture similar



## Technical data

### General data

Type	Light barrier
Special type	Hygienic design
Version	Transparency object detection
Light source	Pulsed PinPoint LED
Background position Sde	60 ... 1000 mm
Scanning range Sa	100% ... 85% Sde
Minimal signal attenuation	10 % / 20 % / 30 %
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 Adapted from EHEDG

### Electrical data

Response time / release time	0,25 ... 0,6 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
Type	Rectangular
Housing material	Stainless steel 1.4404 (V4A)
Front (optics)	PMMA
Connection types	Cable 4 pin, 2 m

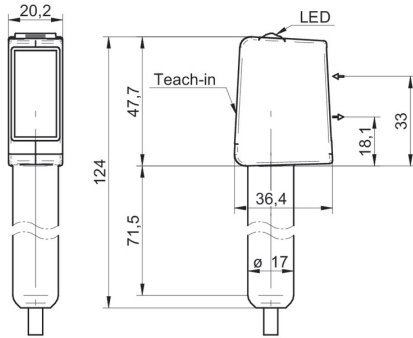
### Ambient conditions

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

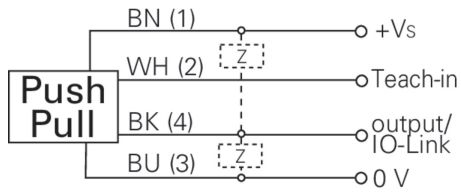
**Remarks**

- Magnetic Teach
- IO-Link: V1.1, filter functions, qTeach lock adjustable
- Signal attenuation adjustable
- Response time / release time: depending on the signal strength

**Dimension drawing**



**Connection diagram**



**Beam characteristic (typically)**

