

Overview

- SmartReflect - Safe barrier principle without reflector
- Baumer PinPoint LED: Small, homogeneous light spot with sharp edges
- Manipulation-proof, simple teach-in via qTeach or line teach
- IO-Link for extended parameterization options and additional diagnostic data
- Quick mounting by means of M3 threaded bushes made of stainless steel



Picture similar



Technical data

General data		Communication interface	
Type	Light barrier	Interface	IO-Link V1.1
Version	Standard object detection	IO-Link port type	Class A
Background position Sde	25 ... 180 mm	Baud rate	230,4 kBaud (COM 3)
Scanning range Sa	90% ... 85% Sde	Cycle time	≥ 0.6 ms
Smallest object recognizable typ.	2.5 mm	Process data length	32 Bit
Power on indication	LED green	Process data structure	Bit 0 = SSC1 (presence) Bit 2 = quality Bit 3 = alarm Bit 5 = SSC4 (counter) Bit 16-31 = 16 Bit measurement
Alignment / soiled lens indicator	Flashing output indicator	Adjustable parameters	Switching point Time filters LED status indicators Output logic Counter Operation mode Deactivate the sensor element Find Me function Teach-in mode
Output indicator	LED yellow	Additional data	Excess gain Operating cycles Device temperature
Sensing distance adjustment	Teach-in and IO-Link		
Suppression of reciprocal influence	Yes		
Alignment optical axis	< 1,5°		
Light Source		Mechanical data	
Light source	Pulsed PinPoint LED	Width / diameter	8 mm
Wave length	644 nm	Height / length	25.1 mm
		Depth	15.8 mm
		Design	Rectangular
		Mechanical mounting	Threaded sleeves M3 (stainless steel)
		Housing material	Plastic (ASA, PMMA)
		Front (optics)	PMMA
		Connection types	Cable 4 pin, 2 m
		Cable characteristics	PVC / PVC 4 x 0.08 mm ²
Electrical data			
Response time / release time	< 0.25 ms (High Speed Mode)		
Voltage supply range +Vs	10 ... 30 VDC		
Current consumption max. (no load)	40 mA (@ 10 VDC)		
Current consumption typ.	16 mA (@ 24 VDC)		
Voltage drop Vd	<2 VDC		
Output function	Light / dark operate		
Output circuit	Push-pull		
Output current	50 mA		
Short circuit protection	Yes		
Reverse polarity protection	Yes		

2024-02-16 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

O200.SP-GW1J.72CV/H006

SmartReflect Light barriers - miniature

Article number: 11210573

Technical data

Ambient conditions

Protection class IP 67

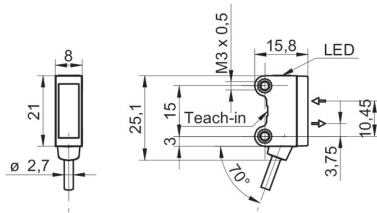
Ambient conditions

Operating temperature -25 ... +50 °C

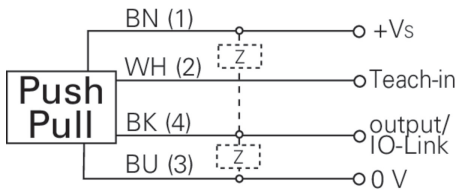
Remarks

- qTeach

Dimension drawing



Connection diagram



Beam characteristic (typically)

