

Overview

- Extended functional reserve capacities for maximum reliability
- 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		Electrical data	
Type	Retro-reflective sensor	Output circuit	Push-pull
Light source	Pulsed PinPoint LED	Output current	< 50 mA
Actual range Sb	3 m	Short circuit protection	Yes
Nominal range Sn	4 m	Reverse polarity protection	Yes
Smallest object recognizable typ.	4 mm (FTAR 013A000)	Communication interface	
Polarization filter	Yes	Baud rate	230,4 kBaud (COM 3)
Alignment / soiled lens indicator	Flashing output indicator	Adjustable parameters	Switching point Time filters LED status indicators Output logic Counter Deactivate the sensor element Find Me function Teach-in mode
Output indicator	LED yellow	IO-Link port type	Class A
Power on indication	LED green	Process data length	32 Bit
Sensitivity adjustment	Teach-in and IO-Link	Process data structure	Bit 0 = SSC1 (presence) Bit 2 = quality Bit 3 = alarm Bit 5 = SSC4 (counter) Bit 16-31 = 16 Bit measurement
Wave length	644 nm	Interface	IO-Link V1.1
Suppression of reciprocal influence	Yes	Additional data	Signal strength Excess gain Operating cycles Device temperature
Electrical data		Cycle time	≥ 0,6 ms
Response time / release time	< 0,25 ms		
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		

2021-05-06 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

O200.RP-GW1J.72NV/H006

Retro-reflective sensors - miniature

Article number: 11212654

Technical data

Mechanical data

Width / diameter	8 mm
Height / length	25,1 mm
Depth	15,8 mm
Type	Rectangular
Mechanical mounting	Threaded sleeves M3 (stainless steel)
Housing material	Plastic (ASA, PMMA)

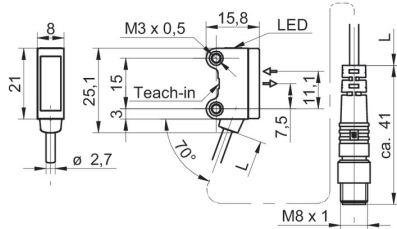
Mechanical data

Front (optics)	PMMA
Connection types	Flylead connector M8 4 pin, L=200 mm
Cable characteristics	PVC / PVC 4 x 0,08 mm ²
Ambient conditions	
Operating temperature	-25 ... +50 °C
Protection class	IP 67

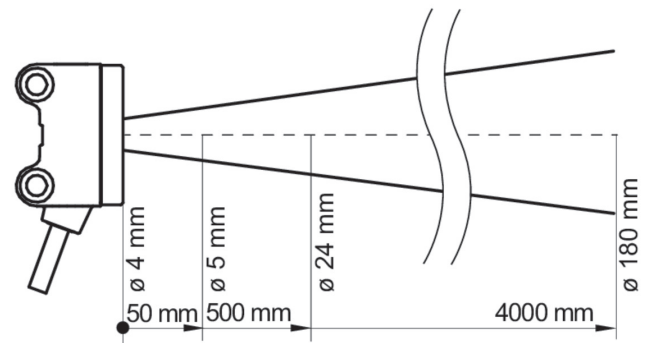
Remarks

- qTeach

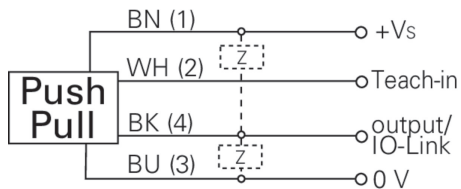
Dimension drawing



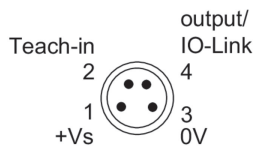
Beam characteristic (typically)



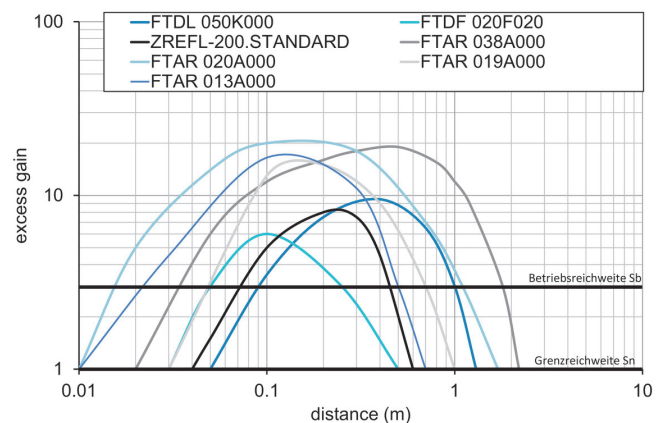
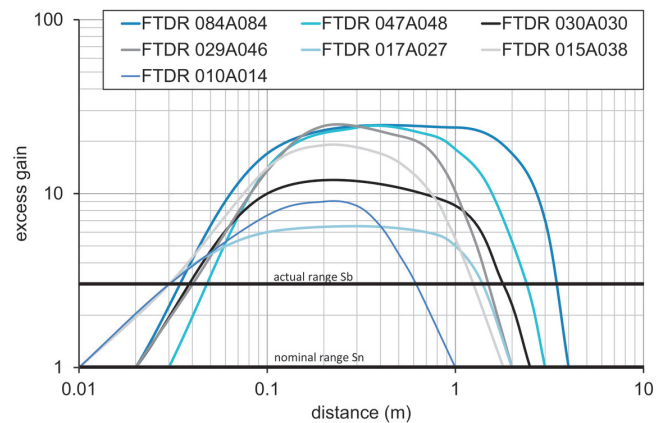
Connection diagram



Pin assignment



Excess gain curve



O200.RP-GW1J.72NV/H006

Retro-reflective sensors - miniature

Article number: 11212654

Lateral operating range

