Through beam sensors

O300.ER-GW1B.72N/E002

Through beam sensors - miniature

Article number: 11192008

Overview

- receiver
- through beam sensor
- 10 m
- push-pull
- qTeach / remote
- connector M8 4 pin
- -30 … 60 °C
- IP 67



Picture similar

Technical data

General data	
Type	Through beam sensor
Emitter / receiver	Receiver
Actual range Sb	10 m
Nominal range Sn	15 m
Alignment / soiled lens indicator	Flashing light indicator
Light indicator	LED yellow
Power on indication	LED green
Sensitivity adjustment	qTeach / remote
Alignment optical axis	< 2°
Electrical data	
Response time / release time	< 0.49 ms
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	40 mA
Current consumption typ.	30 mA

Electrical data	
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	12.9 mm
Height / length	32.3 mm
Depth	23 mm
Design	Rectangular
Housing material	Plastic (ASA, PMMA)
Front (optics)	PMMA
Connection types	Connector M8 4 pin
Ambient conditions	
Operating temperature	-30 … +60 °C
Protection class	IP 67

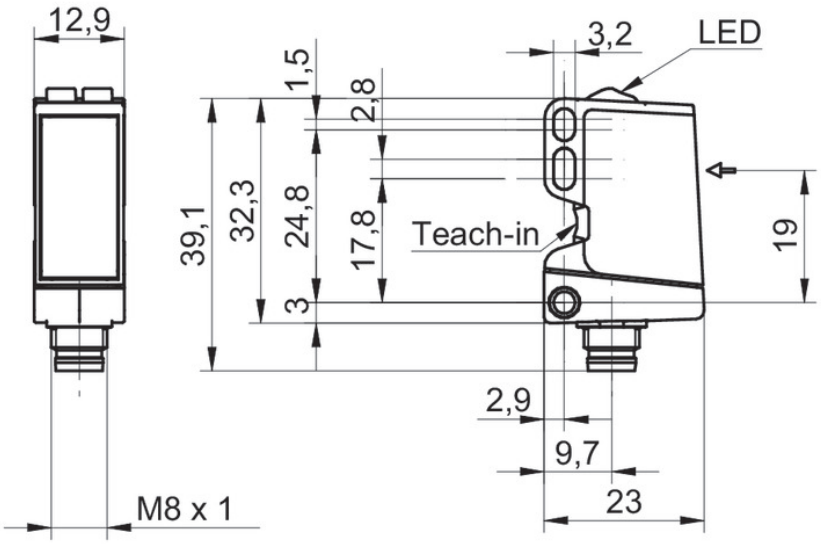
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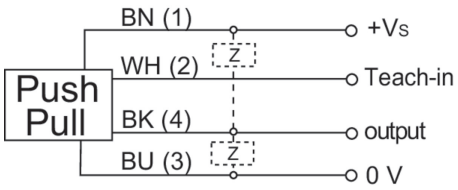
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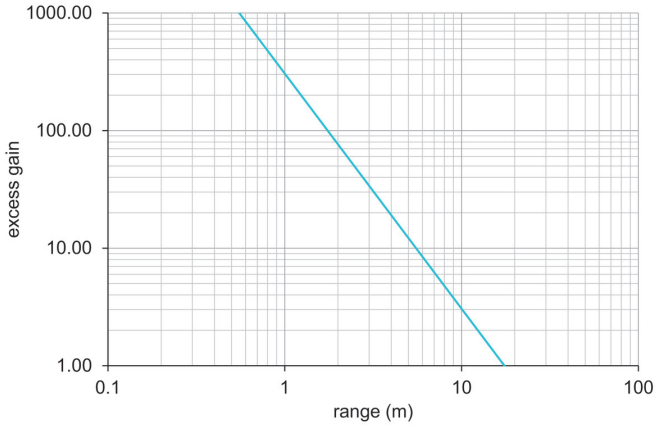
Dimension drawing



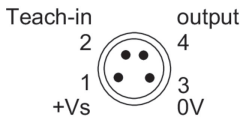
Connection diagram



Excess gain curve



Pin assignment



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