Baumer
Passion for Sensors

Diffuse contrast sensors

OC50.CC-QL1T.72O

Article number: 11224569

Overview

- RGB LED
- Intiuitive teach-in
- 20 ms delay activatable
- Optional lenses for distances up to 22 mm

Picture similar

Technical data

General data	
Type	Diffuse contrast sensor
Light source	LED red / green / blue
Sensing distance Tw	9 mm ±3 mm
Power on indication	LED green
Output indicator	LED yellow
Sensitivity adjustment	Teach-in
Distance to focus	9 mm
Wave length	465 nm 520 nm 630 nm
Beam type	Line, vertical
Beam height	1.5 mm
Beam width	5 mm
Electrical data	
Response time / release time	< 0.033 ms
Jitter	< 0.025 ms
Voltage supply range +Vs	10 VDC … 30 VDC
Current consumption typ.	50 mA (@ 24 VDC)

Electrical data	
Voltage drop Vd	< 2 VDC
Output function	Light / dark operate
Output circuit	PNP NPN
Output current	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Width / diameter	31 mm
Height / length	53 mm
Depth	80.1 mm
Type	Rectangular
Housing material	Plastic (ABS)
Front (optics)	PMMA
Connection types	Connector M12 4 pin
Ambient conditions	
Protection class	IP 67
Operating temperature	-10 … +55 °C
Storage temperature	-20 … +70 °C

2021-11-22 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

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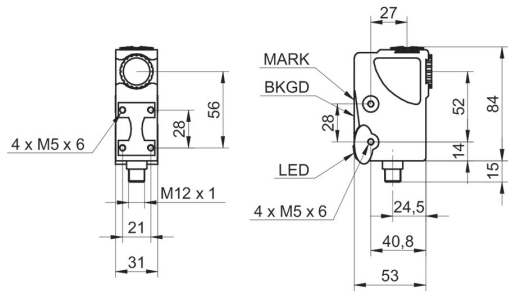
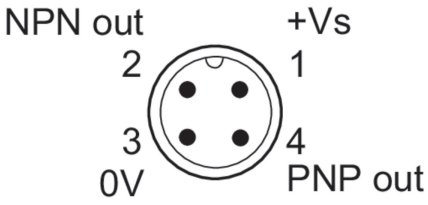
Dimension drawing

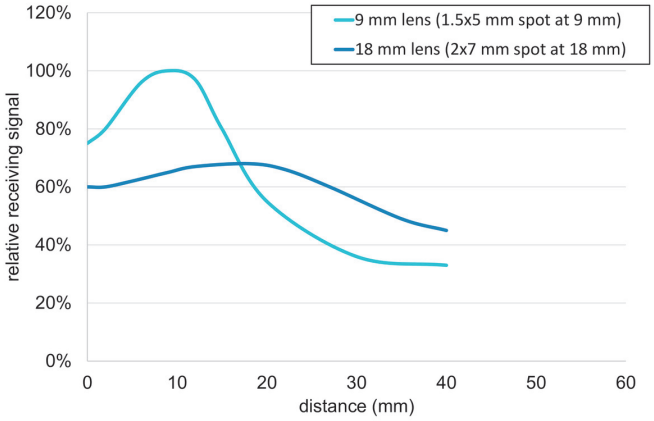


Connection diagram

Pin assignment



Relative receiving signal



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