O200.ZR-PV1T.72CV/E026

Article number: 11231247

Overview

- Reliable intensity-based object detection
- qTeach - tamper-proof, simple teach-in with ferromagnetic tool
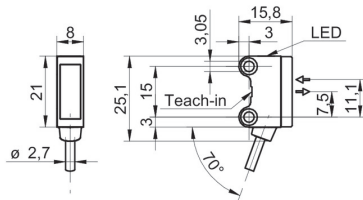- Robust housing with stainless steel spacer sleeves
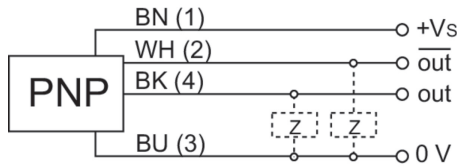
Picture similar

Technical data

General data

Type	Intensity difference
Light source	Pulsed red LED
Sensing distance Tw	20 … 200 mm
Smallest object recognizable typ.	2 mm at 100 mm
Alignment / soiled lens indicator	Flashing output indicator
Power on indication	LED green
Output indicator	LED yellow
Sensing distance adjustment	qTeach
Wave length	644 nm
Suppression of reciprocal influence	Yes
Beam type	Point
Alignment optical axis	< 1,5°

Electrical data

Response time / release time	< 0,25 ms
Jitter	< 0,06 ms
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	40 mA (@ 10 VDC)

Electrical data

Current consumption typ.	16 mA (@ 24 VDC)
Voltage drop Vd	< 2 VDC
Output function	Light / dark operate
Output circuit	PNP complementary
Output current	< 50 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

Mechanical data

Width / diameter	8 mm
Height / length	25,1 mm
Depth	15,8 mm
Type	Rectangular
Mechanical mounting	Sleeve smooth (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 mm²

Ambient conditions

Protection class	IP 67
Operating temperature	-25 … +50 °C

2021-05-06
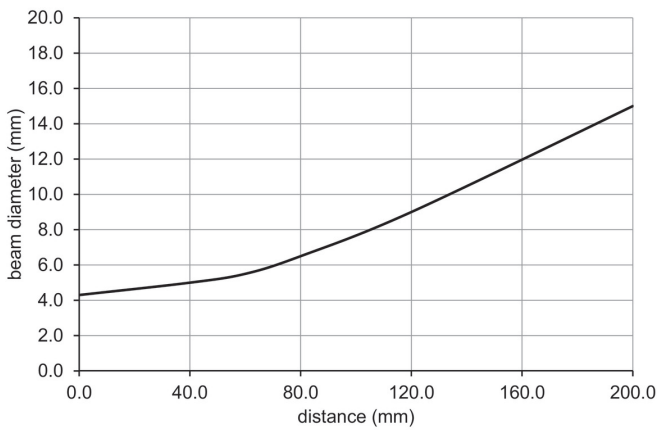
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Dimension drawing

Connection diagram

Beam characteristic (typically)

Relative receiving signal

2021-05-06