Retro-reflective sensors

O330.RP.T-PDPVZ.72N/H006_P000

Article number: 11729708

Overview

- Transparent detection
- Sensitivity 20%
- Power-Up Teach
  - Sensor ready after 5 sec, reflector must be visible during this time



Picture similar

Technical data

General data	
Type	Retro-reflective sensor
Light source	Pulsed PinPoint LED
Actual range Sb	5 m
Nominal range Sn	6 m
Polarization filter	Yes
Alignment / soiled lens indicator	Flashing output indicator
Output indicator	LED yellow
Power on indication	LED green
Wave length	634 nm
Suppression of reciprocal influence	Yes
Alignment optical axis	< 1,5°
Electrical data	
Response time / release time	< 0.5 ms
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	50 mA
Current consumption typ.	25 mA

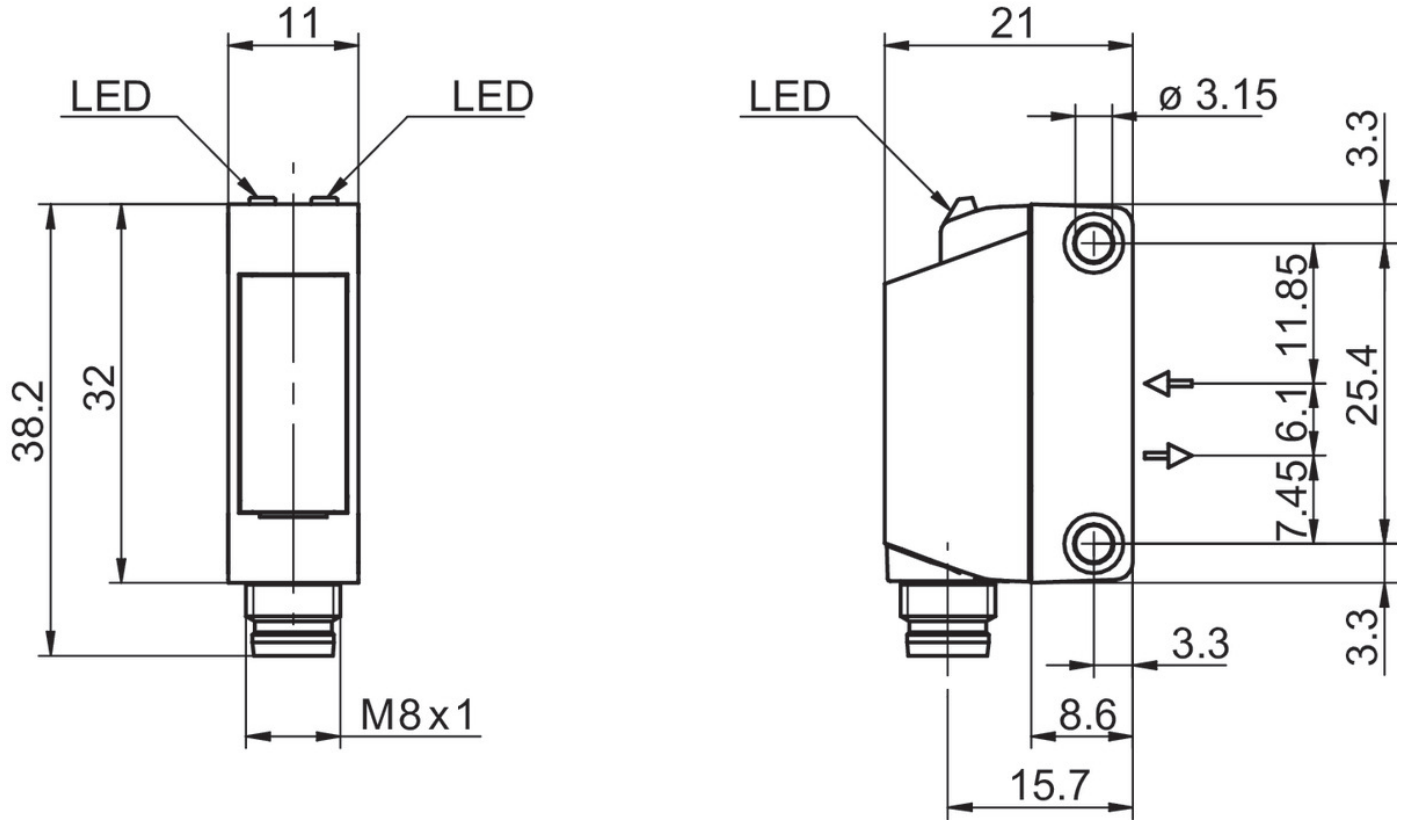
Electrical data	
Voltage drop Vd	<2 VDC
Output function	Light / dark operate
Output circuit	PNP complementary
Output current	100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Width / diameter	11 mm
Height / length	32 mm
Depth	21 mm
Design	Rectangular
Mechanical mounting	Threaded sleeves M3 (brass)
Housing material	Plastic (ABS, ASA, PMMA)
Front (optics)	PMMA
Connection types	Connector M8 4 pin
Ambient conditions	
Operating temperature	-30 … +55 °C
Protection class	IP 67
Storage temperature	-40 … +70 °C

2025-09-18 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

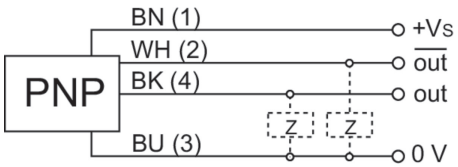
O330.RP.T-PDPVZ.72N/H006_P000

Article number: 11729708

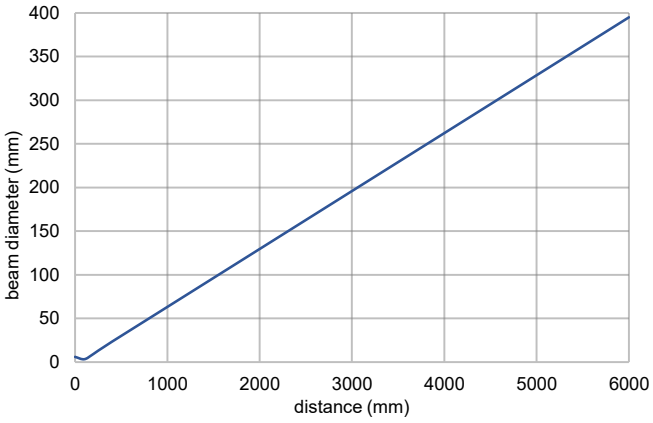
Dimension drawing



Connection diagram



Beam characteristic (typically)



2025-09-18 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.