

OSDK 14D9001

Through beam sensors - standard

Article number: 11001320

Overview

- emitter
- through beam laser sensor
- 8 m
- pulsed red laser diode
- cable 4 pin, 2 m
- 10 ... 50 °C
- IP 67



Picture similar



Technical data

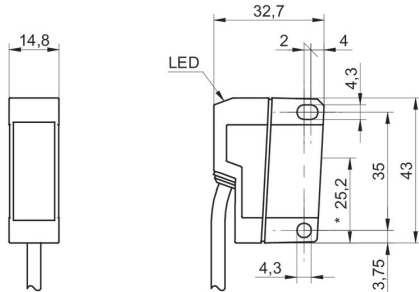
General data		Electrical data	
Type	Through beam laser sensor	Current consumption typ.	25 mA
Emitter / receiver	Emitter	Reverse polarity protection	Yes
Light source	Pulsed red laser diode	Mechanical data	
Actual range Sb	8 m	Width / diameter	14,8 mm
Nominal range Sn	10 m	Height / length	43 mm
Power on indication	LED green	Depth	31 mm
Laser class	1	Type	Rectangular
Distance to focus	Parallel beam	Housing material	Plastic (ASA, MABS)
Wave length	650 nm	Front (optics)	PMMA
Electrical data		Connection types	Cable 4 pin, 2 m
Voltage supply range +Vs	10 ... 30 VDC	Ambient conditions	
Current consumption max. (no load)	35 mA	Operating temperature	10 ... +50 °C
		Protection class	IP 67

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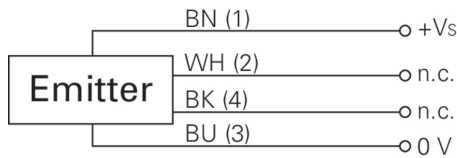
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Dimension drawing



Connection diagram



Laser warning

**CLASS 1 LASER
PRODUCT**

IEC 60825-1/2014

Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019

Beam characteristic (typically)

