

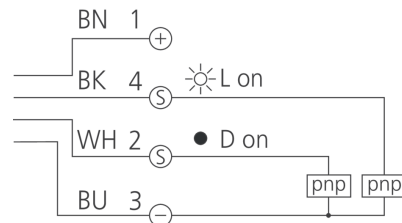
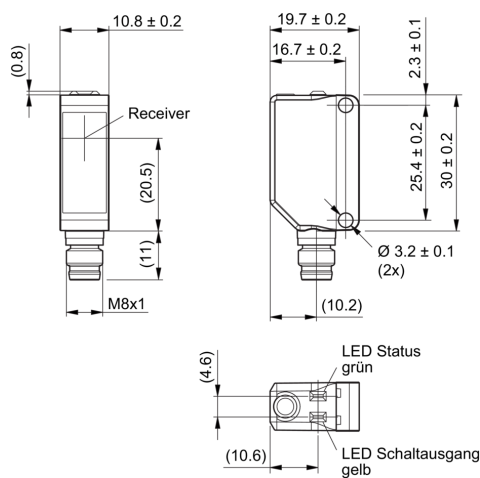


214887

OE33-IMN-PT-P4-T4

Through-beam sensor, receiver

- Compact design
- Long range
- High function reserve
- Functional reserve indicator
- Antivalent output



BK: black

BN: brown

BU: blue

WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 30 V DC
No-load current (max.)	< 25 mA
Inverse polarity protection	Yes
Short-circuit protection	Yes

Mechanical features

Housing dimensions	31 x 20 x 11 mm
Housing length	20 mm
Housing height	31 mm
Housing width	11 mm
Housing material	Plastic
Material	Plastic (Window / optics)
Weight	5 g

Certifications, approvals

Protection class	III
Approvals	UL



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+20°C, 24 V DC

General features

Operating principle	Through-beam sensor
Evaluation	digital
Design	Cuboid design
Consisting of	Receiver

Output, input, interface

Switching output	pnp, 100 mA, antivalent
Voltage drop (max.)	2 V

Detection range, measuring range, tolerance limits

Range	0 ... 15000 mm
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Display, operation

Sensitivity adjustment	Potentiometer
Display	LED green - Status, yellow - Switching output

Time behavior

Switching frequency	500 Hz
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Ambient conditions

Ambient temperature during operation	-25 ... +60 °C
Protection type	IP 67

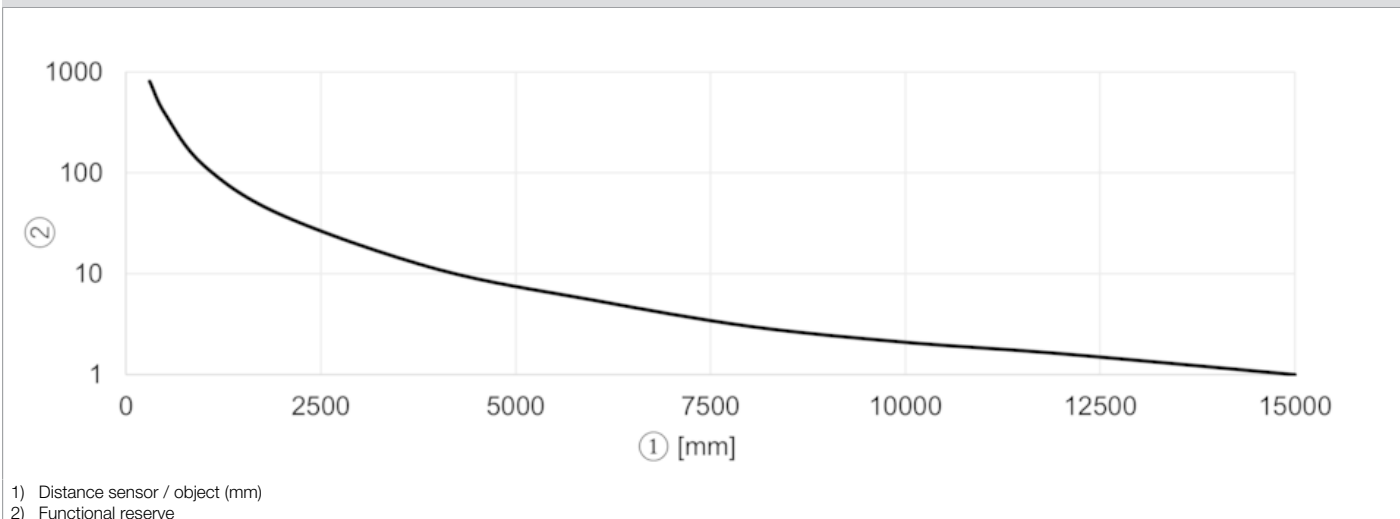
Electrical connection

Connection	Connector, M8, 4-pin
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Accessories

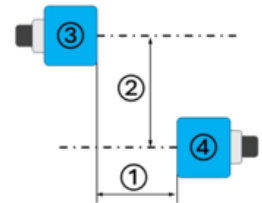
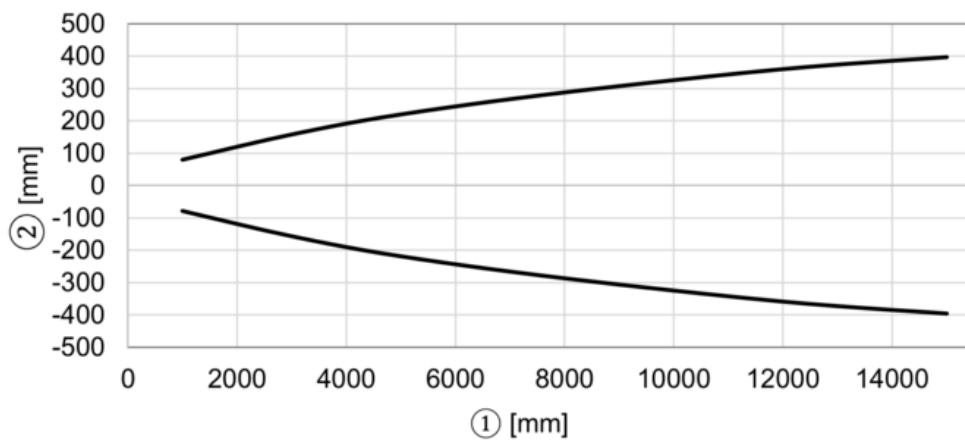
Connection cable	TK ... /4
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Typical functional reserve (reflector R84)




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Parallel offset



1) Distance between transmitter and receiver (mm)
 2) Offset (mm)

3) Transmitter
 4) Receiver

More information / accessories

<https://www.di-soric.com/214887>