

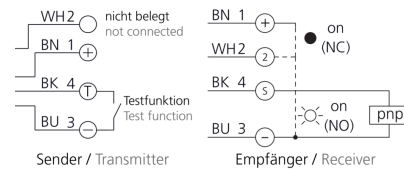
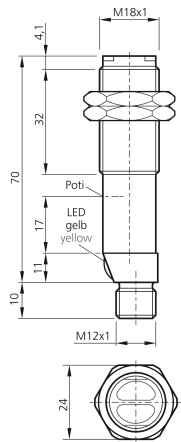


204008

OES 6-18 M 8000 P3K-BSL

Through-beam sensor, transmitter / receiver

- Set includes transmitter and receiver
- Metal casing
- Plug connector M12
- Infrared light
- Sensitivity is adjustable
- LED switching status display



- 1) Potentiometer
2) LED yellow
3) Width over flats 24 mm
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.)	40 mA

Mechanical features

Thread	M18 x 1
Housing length	80 mm
Housing material	Metal
Material	PMMA (Window)

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	Through-beam sensor
Evaluation	digital
Design	Thread
Consisting of	Transmitter and Receiver

Output, input, interface

Switching output	pnp, 100 mA, NO/NC, switchable
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+20°C, 24 V DC

Optical data

Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	10 kLx Sunlight, 3 kLx Clocked light

Detection range, measuring range, tolerance limits

Range	8000 mm
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Display, operation

Sensitivity adjustment	Potentiometer
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Time behavior

Switching frequency	300 Hz
Response time	2.0 ms
Release time	2.0 ms

Ambient conditions

Ambient temperature during operation	-25 ... +50 °C
Protection type	IP 66

Electrical connection

Connection	Connector, M12, 4-pin
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More information / accessories

<https://www.di-soric.com/204008>