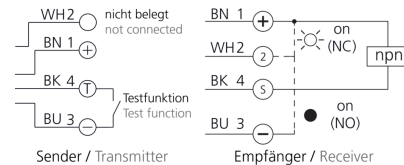
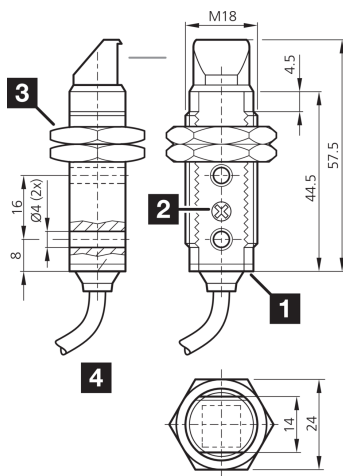




207915
OES 18 FMR 8000 N3
Through-beam sensor, transmitter / receiver

- Angled optics
- Universal mounting options
- Low installation depth
- Sensitivity is adjustable
- LED switching status display
- Metal casing



1) LED
 2) Potentiometer
 3) Width over flats 24 mm
 4) Connection cable
 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.)	30 mA

Mechanical features

Thread	M18 x 1
Housing length	57.5 mm
Housing material	Metal
Material of cable	PVC
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, Angled optics
Consisting of	Transmitter and Receiver


207915
OES 18 FMR 8000 N3
Through-beam sensor, transmitter / receiver
Technical data (typ.)
+20°C, 24 V DC
Output, input, interface

Switching output npn, 100 mA, NO/NC

Optical data

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

Detection range, measuring range, tolerance limits

Range 0 ... 8000 mm

Display, operation

Sensitivity adjustment Potentiometer

Time behavior

Switching frequency	333 Hz
Response time	1.5 ms
Release time	1.5 ms

Ambient conditions

Ambient temperature during operation	-25 ... +55 °C
Protection type	IP 67

Electrical connection

Connection Cable, 2.0 m

More information / accessories
<https://www.di-soric.com/207915>