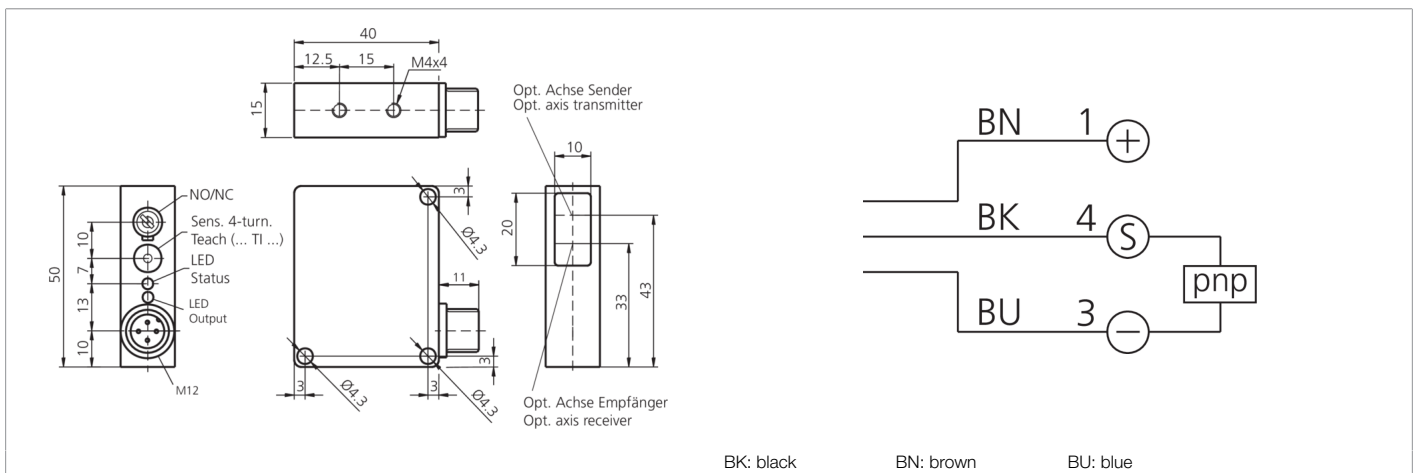




**201491**  
**ORV 51 M 5000 P3K-IBS**  
**Retroreflective sensor**

- Red light
- Polarization filter
- 4-turn potentiometer
- High switching frequency
- Bright LED
- Light/dark switching
- Functional reserve indicator/contamination indicator
- Robust metal housing



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	40 mA
Insulation voltage endurance	500 V
Housing dimensions	50 x 40 x 15 mm
Housing length	40 mm
Housing height	50 mm
Housing width	15 mm
Housing material	Die-cast zinc (Black, painted)
Material	PMMA (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective sensor
Evaluation	digital
Design	Cuboid design
Characteristics	Integrated polarization filter
Switching output	pnp, 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Light source	LED
Color	red
Wavelength	660 nm
Modulation	Clocked
Ambient light immunity	20 kLx
Range	300 ... 5000 mm



**201491**  
**ORV 51 M 5000 P3K-IBS**  
**Retroreflective sensor**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Referring reflector	100 x 100 mm
Sensitivity adjustment	Potentiometer (4-turn)
Switching frequency	1000 Hz
Response time	0.50 ms
Release time	0.50 ms
Ambient temperature during operation	-10 ... +60 °C
Protection type	IP 67
Connection	Connector, M12, 3-pin
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/201491">https://www.di-soric.com/201491</a></b>