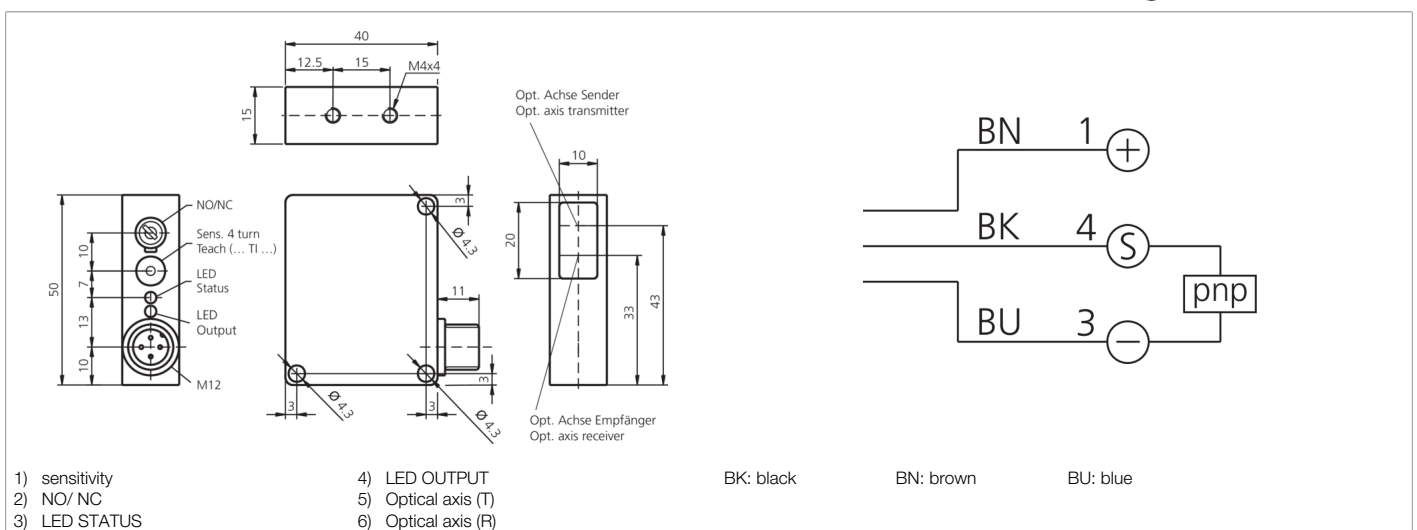




**201554**  
**OTV 51 M 150 P3K-IBS**  
**Retroreflective diffuse sensor**

- Red light
- 4-turn potentiometer
- Bright LED
- Light/dark switching, push-pull
- 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 diffuse sensor
Evaluation	digital
Design	Cuboid design
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	10 kLx



**201554**

**OTV 51 M 150 P3K-IBS**

**Retroreflective diffuse sensor**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Scanning range	15 ... 150 mm
Standardized measuring plate	200 x 200 mm (white)
Switching hysteresis (max.)	12 %
Reproducibility	< 1 %
Sensitivity adjustment	Potentiometer
Switching frequency	1000 Hz
Response time	0.50 ms
Release time	0.50 ms
Ambient temperature during operation	-10 ... +60 °C
Temperature drift	0.3 %/K
Protection type	IP 67
Connection	Connector, M12, 3-pin

<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/201554">https://www.di-soric.com/201554</a></b>
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