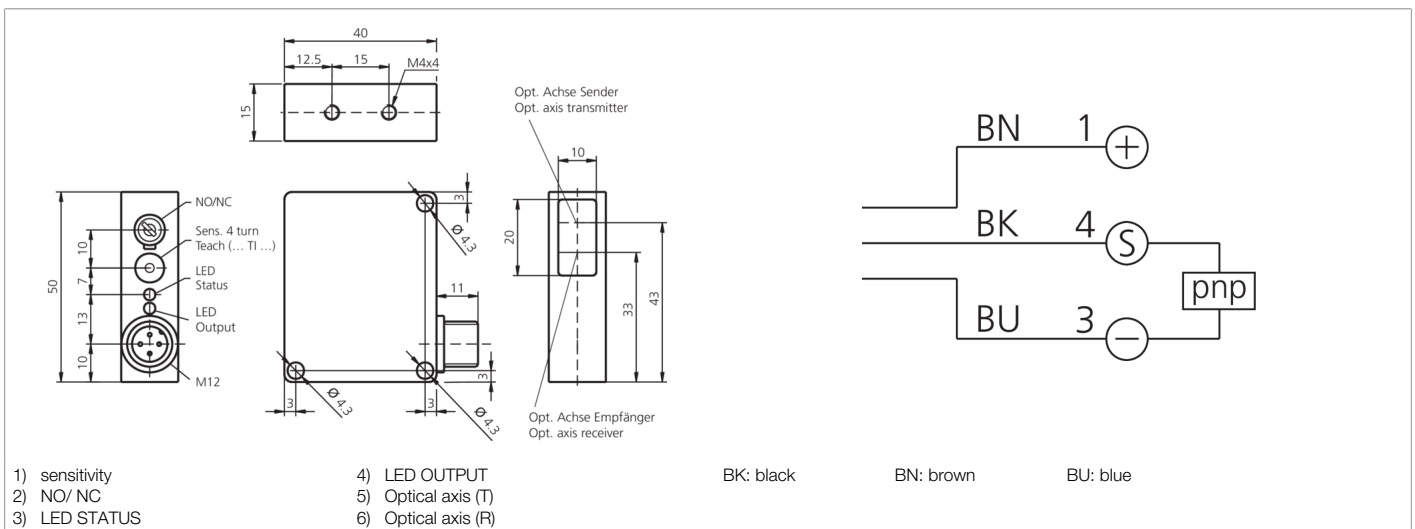




**203085**  
**OTV 50 M 1200 P3K-IBS**  
**Retroreflective diffuse sensor**

- Switch for light/dark switching
- Infrared light
- 4-turn potentiometer
- Bright LED
- 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.)	45 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	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	10 kLx



**203085**  
**OTV 50 M 1200 P3K-IBS**  
**Retroreflective diffuse sensor**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Scanning range	50 ... 1200 mm
Standardized measuring plate	200 x 200 mm (white)
Switching hysteresis (max.)	12 %
Reproducibility	< 1 %
Sensitivity adjustment	Potentiometer
Switching frequency	1000 Hz
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/203085">https://www.di-soric.com/203085</a></b>