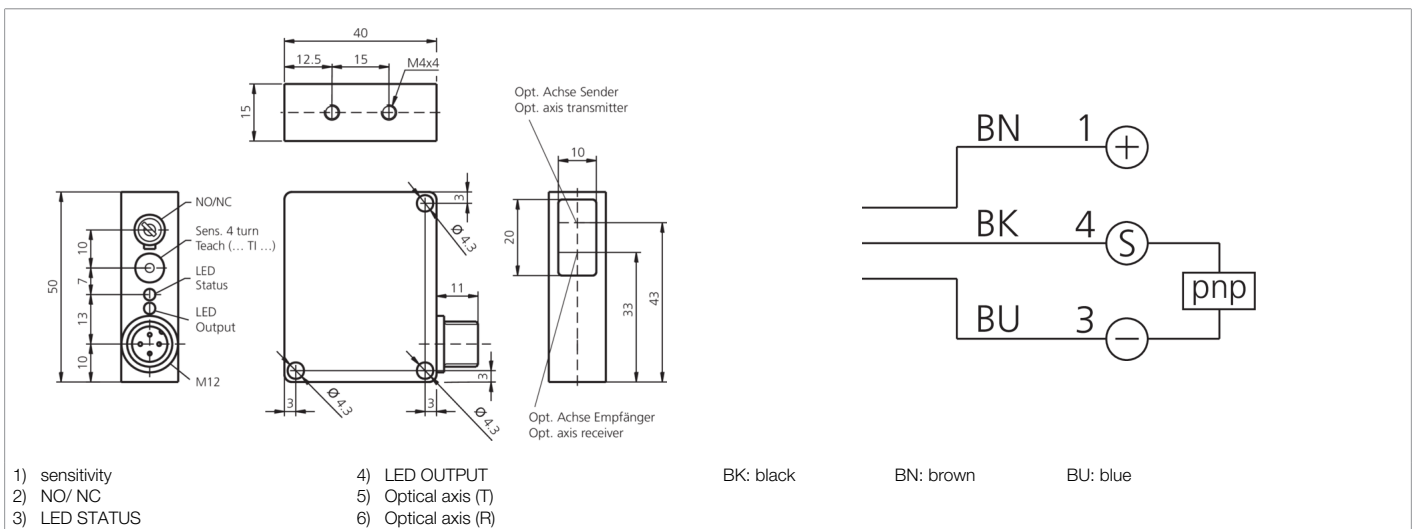




203085
OTV 50 M 1200 P3K-IBS
Retroreflective diffuse sensor

- 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
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



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OTV 50 M 1200 P3K-IBS
Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
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
More information / accessories	https://www.di-soric.com/203085