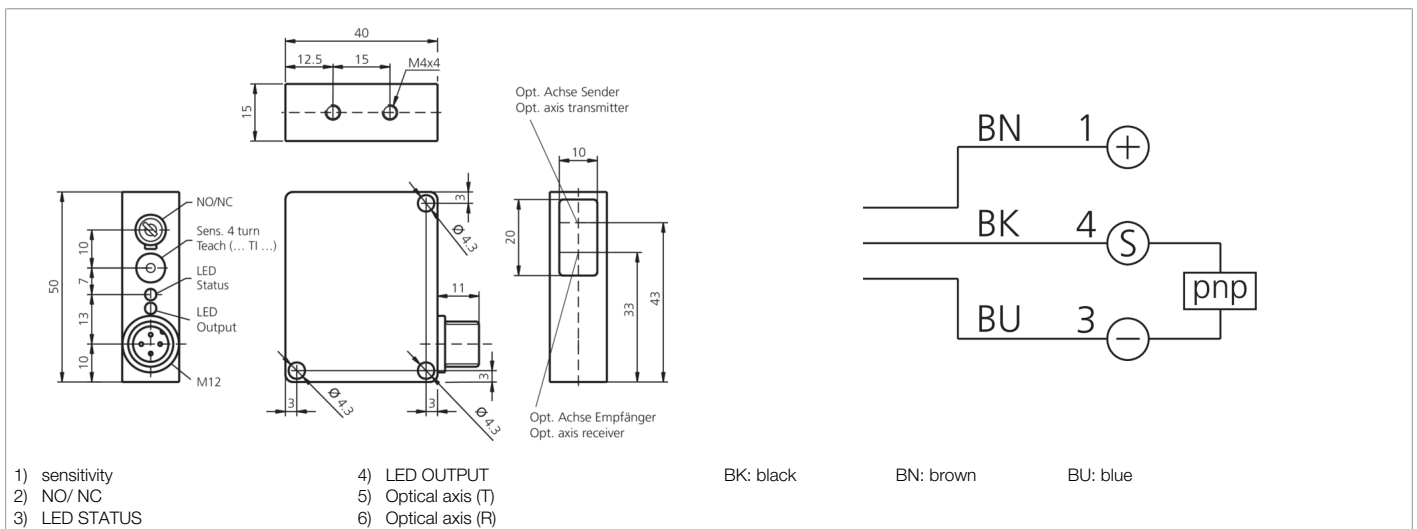




201566
OTVTI 51 M 150 P3K-IBS
Retroreflective diffuse sensor

- Red light
- Teach function
- 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
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



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OTVTI 51 M 150 P3K-IBS

Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
Scanning range	15 ... 150 mm
Standardized measuring plate	200 x 200 mm (white)
Switching hysteresis (max.)	12 %
Reproducibility	< 1 %
Sensitivity adjustment	Teach button
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
More information / accessories	https://www.di-soric.com/201566