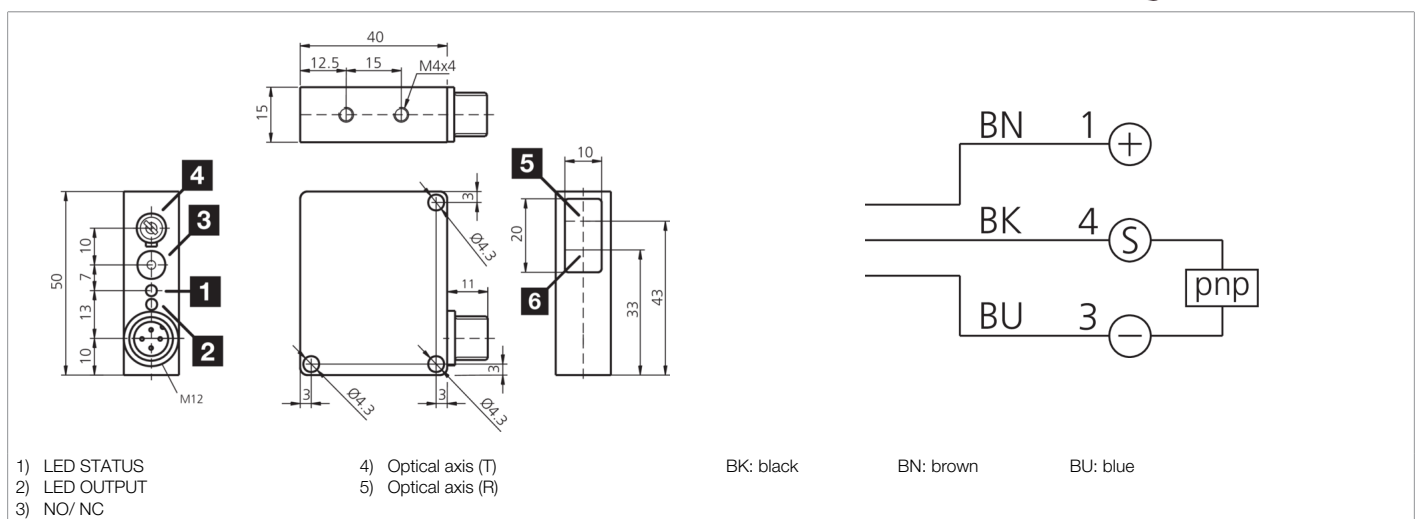




203137
LTV 51 M 200 P3K-IBS
Retroreflective diffuse sensor

- Red-light laser, with small laser spot
- 4-turn potentiometer
- Functional reserve indicator/contamination indicator
- Bright LED
- Light/dark switching



Function											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	30 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	Laser
Laser class	1 (IEC 60825-1)
Color	red
Wavelength	650 nm
Modulation	Clocked
Light spot size	Ø 2 mm



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Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
Ambient light immunity	8 kLx
Scanning range	75 ... 200 mm
Switching hysteresis (max.)	12 %
Reproducibility	0.5 %
Sensitivity adjustment	Potentiometer
Switching frequency	2000 Hz
Ambient temperature during operation	0 ... +45 °C
Protection type	IP 67
Connection	Connector, M12, 3-pin
Connection cable	VK ...
More information / accessories	https://www.di-soric.com/203137