

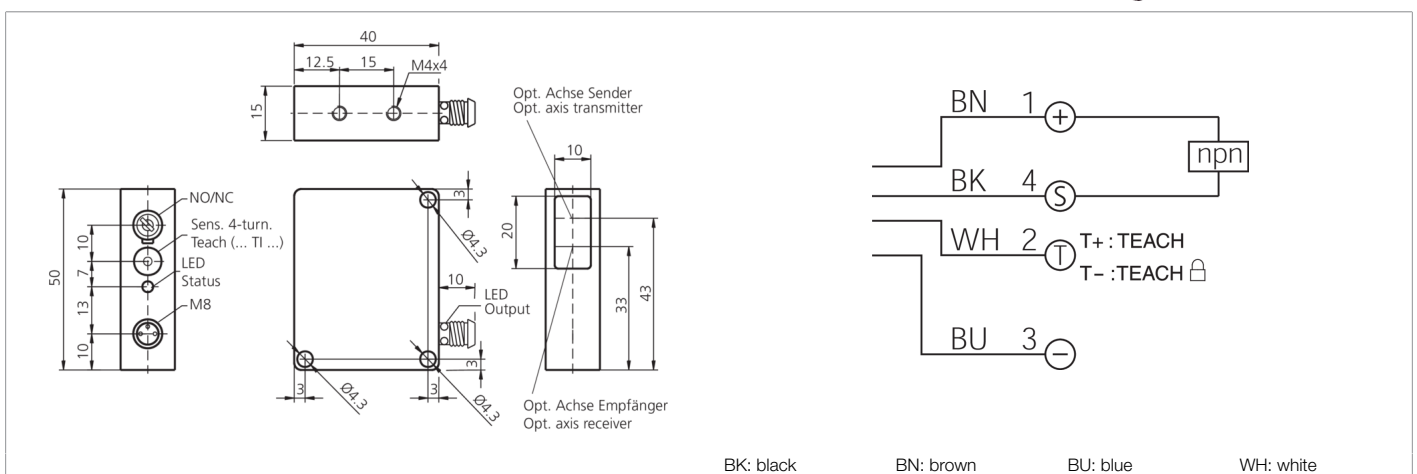


204956

LHTTI 51 M 200 FN3K-TSSL

Laser diffuse sensor with background suppression

- Automatic adjustment of transmitting power
- Red-light laser, with small laser spot
- Teach function
- Remote teach option with key-lock function
- Electronic background suppression
- Functional reserve indicator/contamination indicator
- Bright LED, Connector M8 with ring LED
- Light/dark switching



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	25 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	Diffuse sensor with background suppression
Evaluation	digital
Design	Cuboid design
Switching output	npn, 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Light source	Laser
Laser class	CLASS 1 LASER PRODUCT, 1 (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red
Wavelength	650 nm (Pp < 2.6 mW t = 10 μ s)
Modulation	Clocked
Background suppression	Yes
Light spot size	\varnothing 1.5 mm



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Laser diffuse sensor with background suppression

Technical data (typ.)	+20°C, 24 V DC
Ambient light immunity	5 kLx
Scanning range	50 ... 200 mm
Switching hysteresis (max.)	6 %
Sensitivity adjustment	Teach button, Remote teach
Switching frequency	500 Hz
Ambient temperature during operation	-10 ... +50 °C
Protection type	IP 67
Connection	Connector, M8, 4-pin
Connection cable	TK ... /4
More information / accessories	https://www.di-soric.com/204956