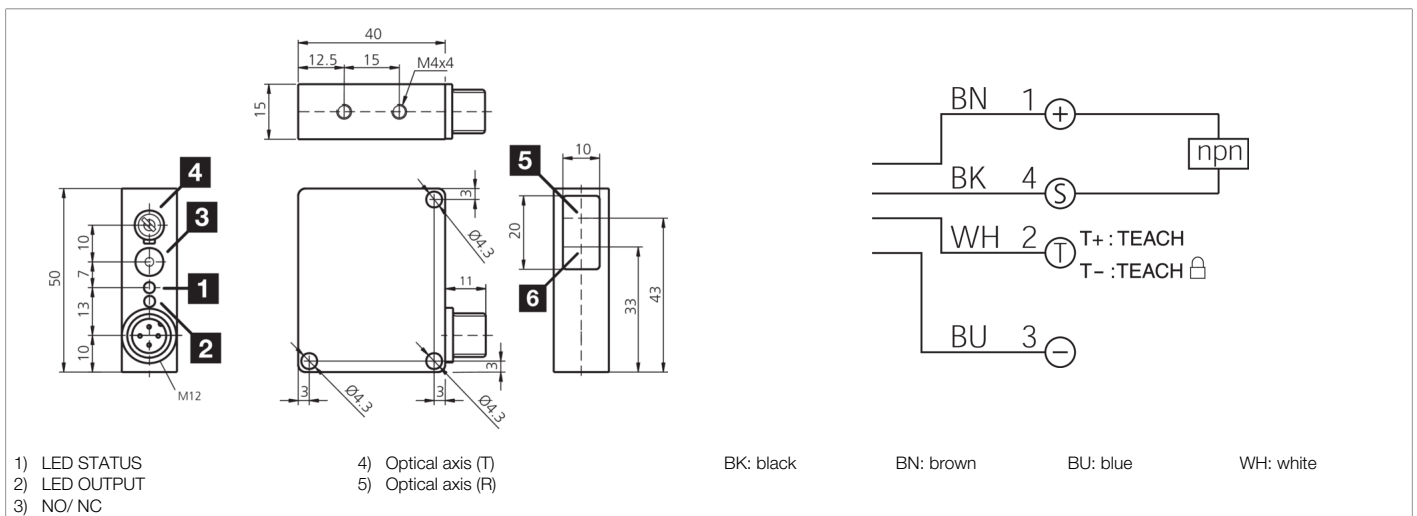




**204952**  
**LTVTI 51 M 600 FN3K-IBS**  
**Retroreflective diffuse sensor**

- Red-light laser, with small laser spot
- Teach function
- Remote teach option with key-lock function
- 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	npn, 200 mA, NO/NC, switchable
Light source	Laser
Laser class	1 (IEC 60825-1)
Color	red
Wavelength	670 nm
Modulation	Clocked
Light spot size	Ø 1.5 mm
Ambient light immunity	5 kLx



**204952**

**LTVTI 51 M 600 FN3K-IBS**

**Retroreflective diffuse sensor**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Scanning range	100 ... 600 mm
Switching hysteresis (max.)	10 %
Reproducibility	< 2 %
Sensitivity adjustment	Teach button, Remote teach
Switching frequency	500 Hz
Ambient temperature during operation	0 ... +45 °C
Protection type	IP 67
Connection	Connector, M12, 4-pin
Connection cable	VK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/204952">https://www.di-soric.com/204952</a></b>