

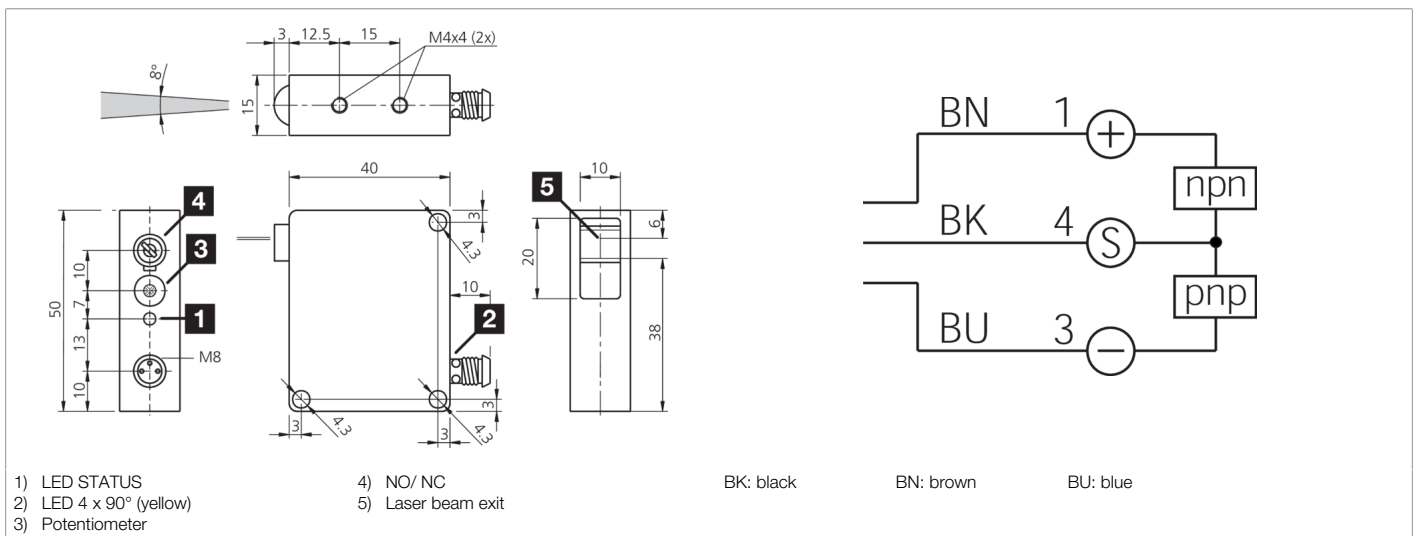


209872

LLH 51 M 200 G3-T3

Line laser diffuse sensor with background suppression

- Detection of objects with irregular breakouts, breakthroughs or holes
- Detecting non-guided parts
- 30 x 1.5 laser line at a scanning distance of 200 mm
- Automatic adjustment of transmitting power
- Red-light laser
- Laser class 1
- 4-turn potentiometer
- Electronic background suppression
- Light/dark switching
- Robust metal housing



Function											

Technical data (typ.)		+20°C, 24 V DC
Service voltage		10 ... 35 V DC
No-load current (max.)		25 mA (24 V DC)
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		Glass (Protection optics)
Protection class		III
Operating principle		Diffuse sensor with background suppression
Evaluation		digital
Design		Cuboid design
Switching output		Push-pull, 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 μs)
Modulation		Clocked



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<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Background suppression	Yes
Ambient light immunity	5 kLx
Scanning range	50 ... 200 mm
Switching hysteresis (max.)	6 %
Sensitivity adjustment	Potentiometer
Display	LED Green - Operation, yellow - Switching output
Switching frequency	500 Hz
Ambient temperature during operation	-10 ... +50 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/209872">https://www.di-soric.com/209872</a></b>