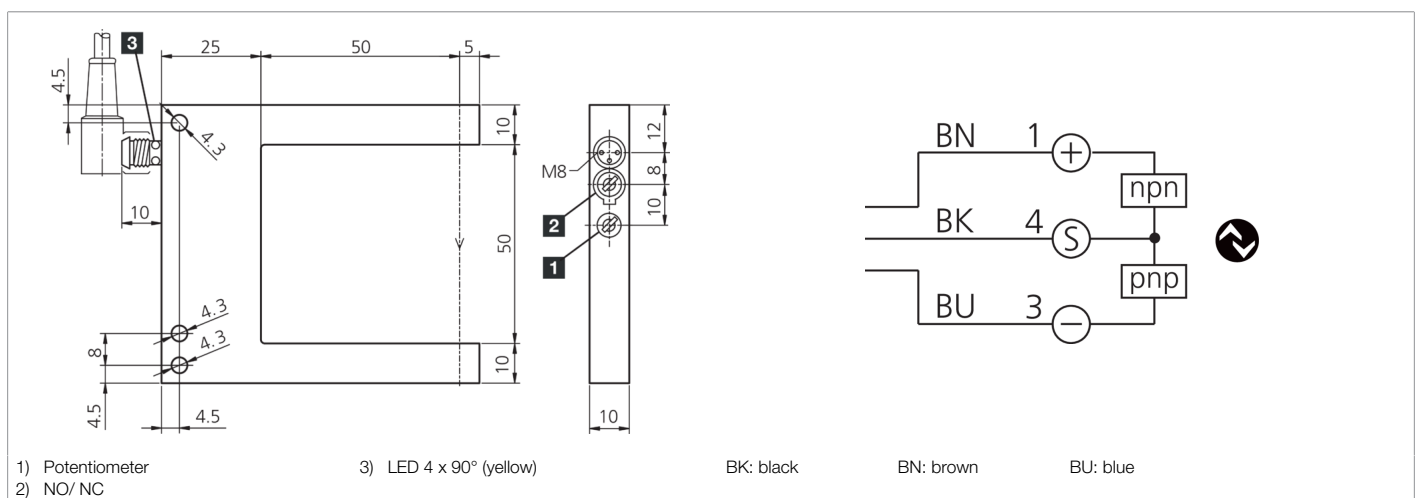




211042 OGUL 051 G3-T3 Laser fork light barrier

- Light/dark switching
- IO-Link
- 4 operating modes as an IO-Link parameter
- Diagnostics with IO-Link
- Metal casing
- Electronics integrated
- Sensitivity is adjustable
- High switching frequency
- Bright ring LED
- High protection type



Function												
												
Technical data (typ.)						+20°C, 24 V DC						
Service voltage						10 ... 30 V DC						
No-load current (max.)						30 mA						
Insulation voltage endurance						500 V						
Leg length internal						55 mm						
Housing dimensions						70 x 80 x 10 mm						
Housing material						Die-cast zinc (Black, powder-coated)						
Weight						96 g						
Protection class						III, operation on protective low voltage						
Operating principle						Optical						
Evaluation						digital						
Design						Fork						
Operation modes						Standard, High resolution, Power, Speed						
Switching output						Push-pull/PNP/NPN, 100 mA, NO/NC, switchable						
Voltage drop (max.)						2,0 V						
Interface						IO-Link						
Light source						Laser						
Laser class						1 (IEC 60825-1)						
Color						red						
Modulation						Clocked						
Fork opening						50 mm						
Resolution						Ø 0,05 mm, Ø 0,03 mm, Ø 0,1 mm, Ø 0,05 mm						



211042
OGUL 051 G3-T3
Laser fork light barrier

Technical data (typ.)		+20°C, 24 V DC
Reproducibility		0,01 mm, 0,01 mm, 0.015 mm, 0.015 mm
Sensitivity adjustment		Potentiometer or IO-Link
Switching frequency		5.000 Hz / 2.000 Hz / 1.000 Hz / 10.000 Hz
Ambient temperature during operation		-25 ... +60 °C
Protection type		IP 67
Connection		Connector, M8, 3-pin
Connection cable		TK ...
More information / accessories		https://www.di-soric.com/211042