

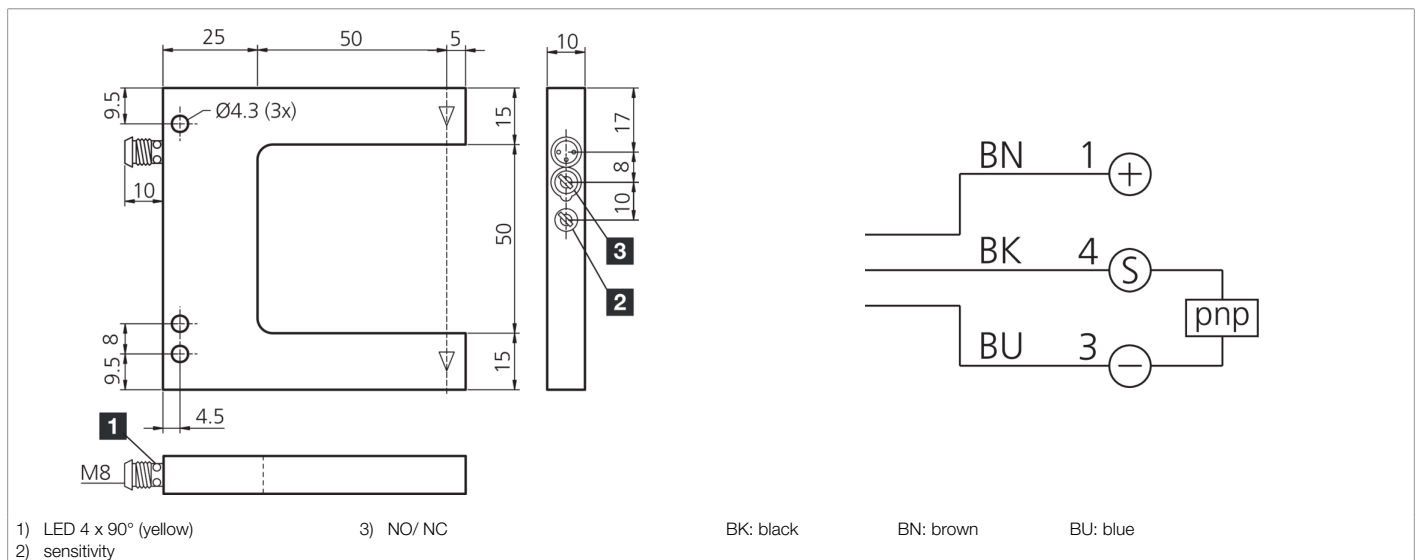


200988

LGU 051 P3K-TSSL

Laser fork light barrier

- Extremely high resolution
- Reproducibility 0.01 mm
- Mountable side by side
- Visible laser spot
- High switching frequency
- Light/dark switching
- Metal casing
- Laser class 1
- Extremely bright ring LED



Function												
												
Technical data (typ.)						+20°C, 24 V DC						
Service voltage						10 ... 35 V DC (Supply Class 2)						
No-load current (max.)						30 mA						
Insulation voltage endurance						250 V						
Leg length internal						55 mm						
Housing dimensions						80 x 80 x 10 mm						
Housing length						80 mm						
Housing height						80 mm						
Housing width						10 mm						
Housing material						Aluminum (Black, Anodized)						
Protection class						III, operation on protective low voltage						
Operating principle						Optical						
Evaluation						digital						
Design						Fork						
Switching output						pnp, 200 mA, NO/NC, switchable						
Voltage drop (max.)						2.8 V						
Light source						Laser						
Laser class						1 (IEC 60825-1)						
Color						red						
Modulation						Clocked						



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LGU 051 P3K-TSSL
Laser fork light barrier

Technical data (typ.)	+20°C, 24 V DC
Laser power	< 100 µW
Ambient light immunity	40 kLx
Fork opening	50 mm
Resolution	Ø 0.05 mm
Switching hysteresis (max.)	0.02 mm
Reproducibility	0.01 mm
Sensitivity adjustment	Potentiometer
Switching frequency	3000 Hz
Ambient temperature during operation	+5 ... +45 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/200988