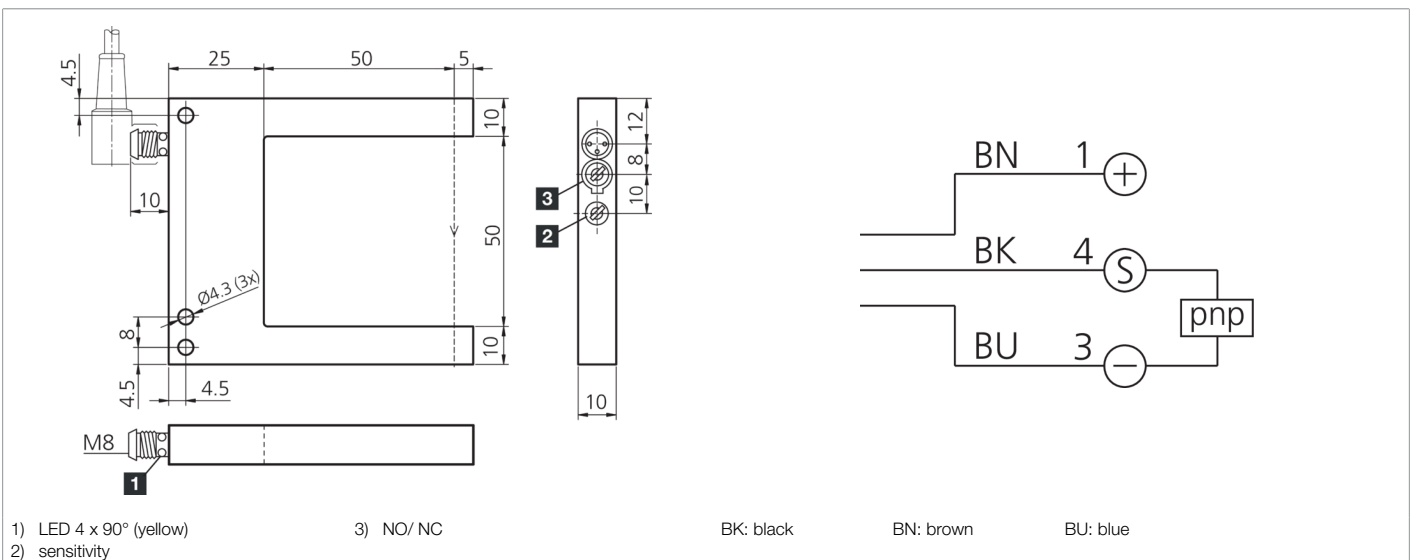




205653
LGUP 051 P3K-TSSL/V4A
Laser fork light barrier

- Visible laser spot
- High switching frequency
- Light/dark switching
- Stainless steel housing
- Laser class 1
- High protection type
- 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	500 V
Leg length internal	55 mm
Housing dimensions	70 x 80 x 10 mm
Housing length	80 mm
Housing height	70 mm
Housing width	10 mm
Housing material	Stainless steel (V4A, 1.4404 / AISI 316L - 1.4571 / AISI 316Ti)
Protection class	III, operation on protective low voltage
Approvals	UL
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	CLASS 1 LASER PRODUCT, 1 (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red



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LGUP 051 P3K-TSSL/V4A

Laser fork light barrier

Technical data (typ.)	+20°C, 24 V DC
Wavelength	650 nm
Modulation	Clocked
Laser power	< 100 µW
Ambient light immunity	5 kLx
Fork opening	50 mm
Resolution	Ø 0.1 mm
Switching hysteresis (max.)	0.05 mm
Reproducibility	0.02 mm
Sensitivity adjustment	Potentiometer
Switching frequency	3000 Hz
Ambient temperature during operation	0 ... +50 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/205653