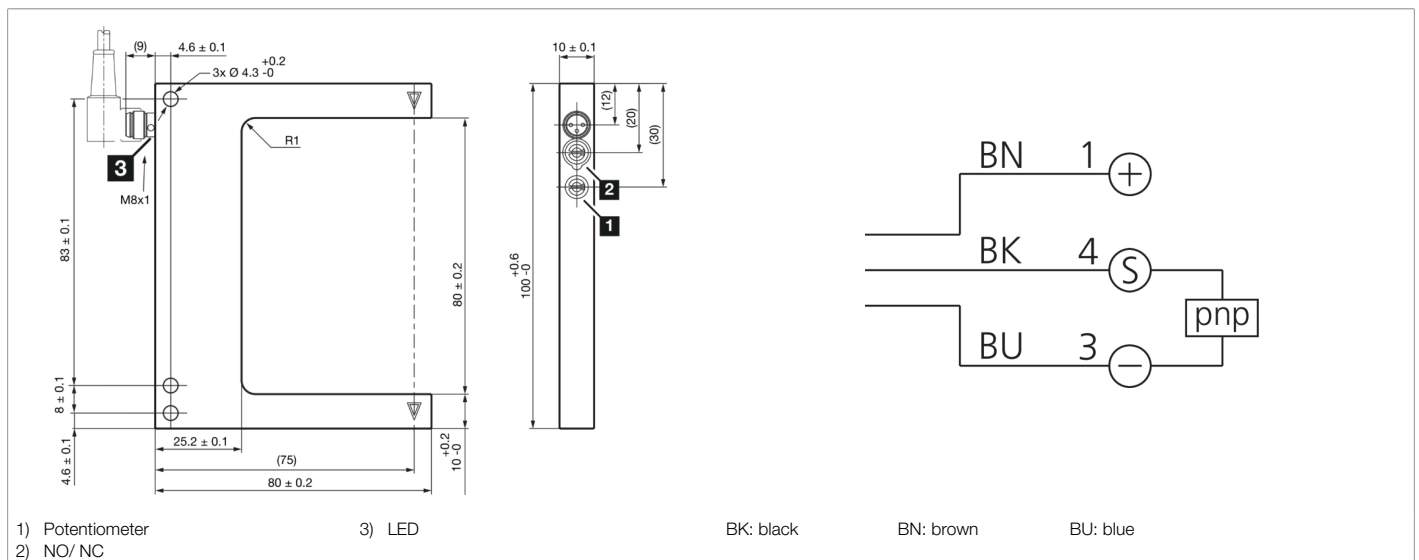




202765
LGUP 081 P3K-TSSL
Laser fork light barrier

- Visible laser spot
- High switching frequency
- Light/dark switching
- Metal casing
- 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		100 x 80 x 10 mm
Housing length		80 mm
Housing height		100 mm
Housing width		10 mm
Housing material		Die-cast zinc (Black, painted)
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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LGUP 081 P3K-TSSL
Laser fork light barrier

Technical data (typ.)	+20°C, 24 V DC
Laser power	< 100 µW
Ambient light immunity	5 kLx
Fork opening	80 mm
Resolution	Ø 0.2 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/202765