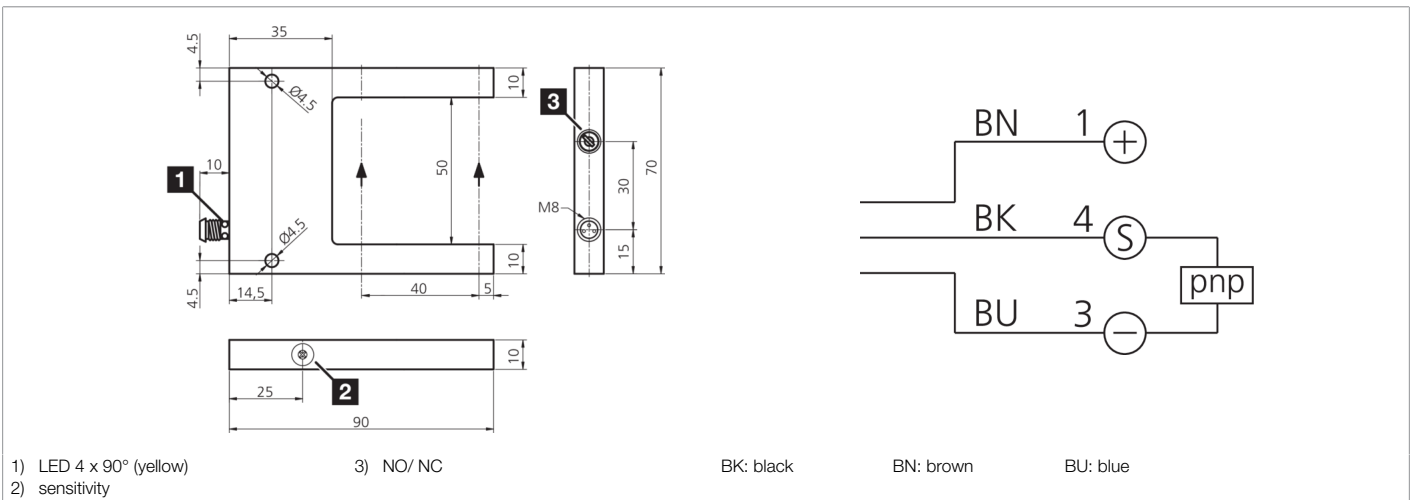




**201169**  
**ODG 50 P3K-TSSL**  
**Differential fork light barrier**

- High resolution
- Metal casing
- Electronics integrated
- Differential evaluation
- Sensitivity is adjustable
- High switching frequency
- Light/dark switching
- Bright ring LED



Function									

Technical data (typ.)		+20°C, 24 V DC
Service voltage		12 ... 35 V DC
No-load current (max.)		35 mA
Insulation voltage endurance		500 V
Leg length internal		55 mm
Housing dimensions		70 x 90 x 10 mm
Housing length		90 mm
Housing height		70 mm
Housing width		10 mm
Housing material		Aluminum (Black, Anodized)
Protection class		III, operation on protective low voltage
Operating principle		Optical
Evaluation		digital, differential
Design		Fork
Switching output		pnp, 200 mA, NO/NC, switchable
Voltage drop (max.)		2.5 V
Light source		LED
Color		Infrared
Modulation		non-clocked
Ambient light immunity		5 kLx
Fork opening		50 mm
Resolution		Ø 0.1 mm



**201169**  
**ODG 50 P3K-TSSL**  
**Differential fork light barrier**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Switching hysteresis (max.)	0.2 mm
Reproducibility	0.01 mm
Sensitivity adjustment	Potentiometer
Switching frequency	5000 Hz
Ambient temperature during operation	0 ... +60 °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/201169">https://www.di-soric.com/201169</a></b>