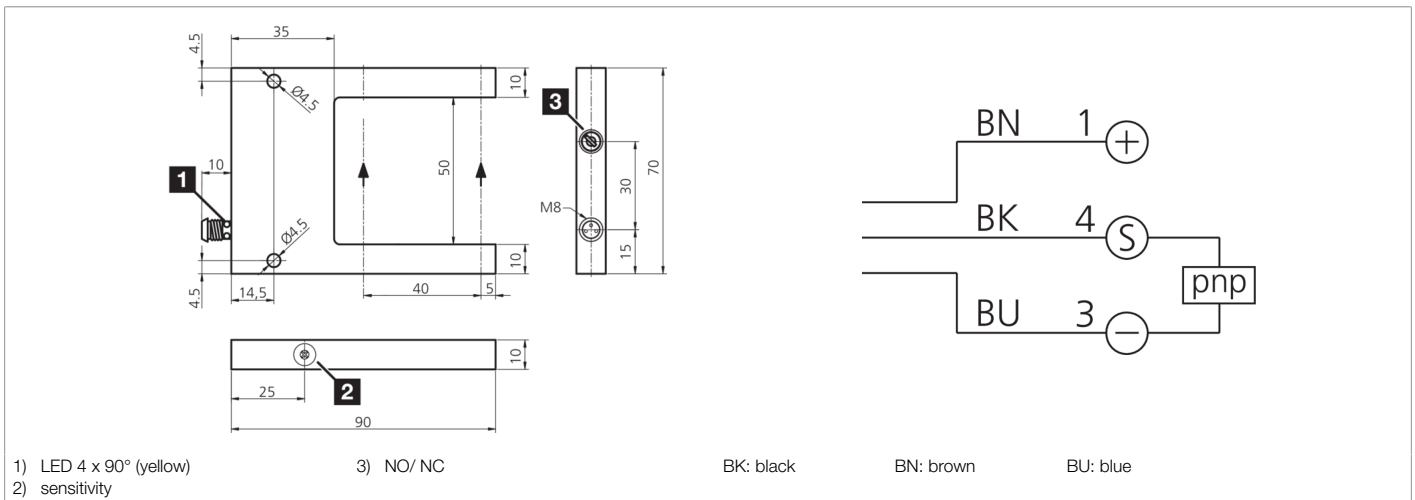




201169
ODG 50 P3K-TSSL
Differential fork light barrier

- 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



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ODG 50 P3K-TSSL
Differential fork light barrier

Technical data (typ.)	+20°C, 24 V DC
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 ...
More information / accessories	https://www.di-soric.com/201169