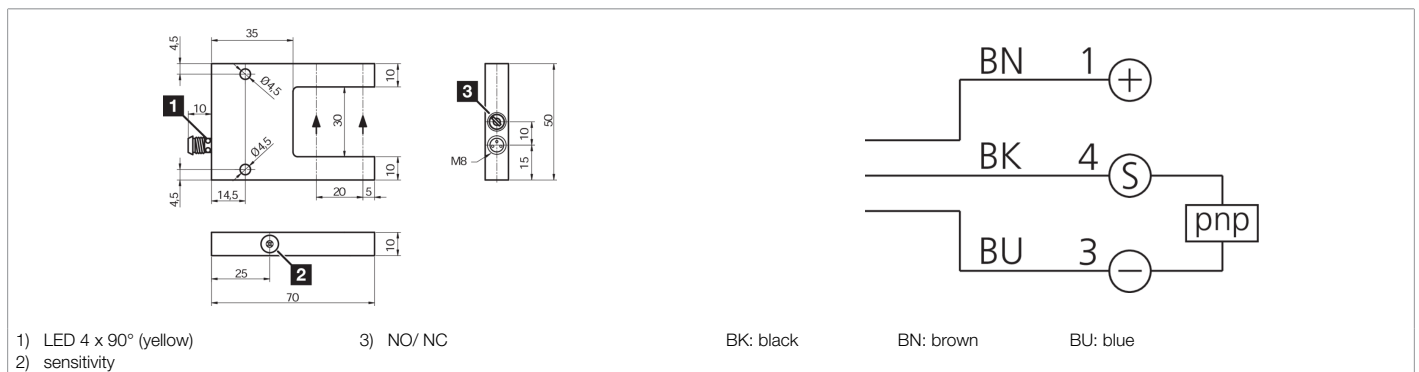




201167
ODG 30 P3K-TSSL
Differential fork light barrier

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



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	35 mm
Housing dimensions	50 x 70 x 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	30 mm
Resolution	Ø 0,07 mm
Switching hysteresis (max.)	0,2 mm
Reproducibility	0,01 mm
Sensitivity adjustment	Potentiometer
Switching frequency	5.000 Hz
Ambient temperature during operation	0 ... +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin



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Technical data (typ.)

+20°C, 24 V DC

Connection cable

TK ...

More information / accessories

<https://www.di-soric.com/201167>