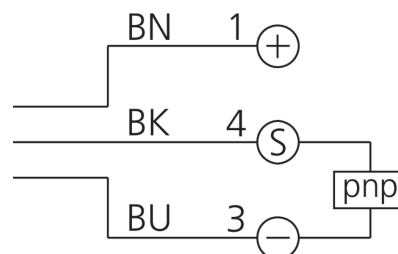
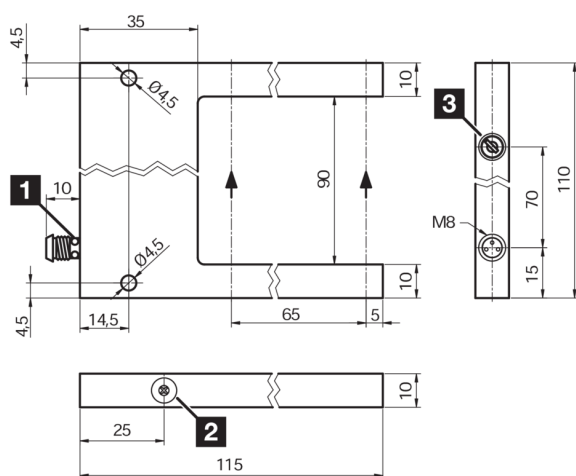



201172
ODG 90 P3K-TSSL
Differential fork light barrier

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



1) LED 4 x 90° (yellow)
2) sensitivity

3) NO/ NC

BK: black

BN: brown

BU: blue

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	80 mm
Housing dimensions	110 x 115 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	90 mm
Resolution	Ø 0,25 mm
Switching hysteresis (max.)	0,2 mm



201172
ODG 90 P3K-TSSL
Differential fork light barrier

Technical data (typ.)	+20°C, 24 V DC
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
Connection cable	TK ...
More information / accessories	https://www.di-soric.com/201172