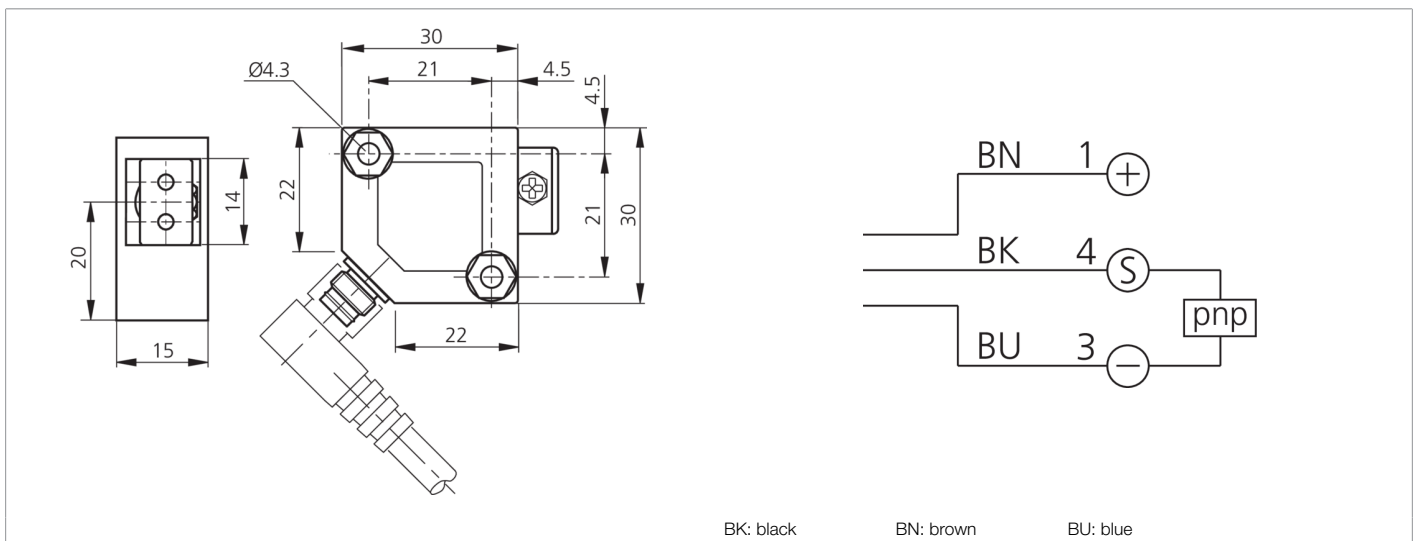






**201457**  
**OLVK 31 P2K-TSSL**  
**Plastic fiber-optic amplifier**

- Angled optics
- Easy to install
- Red light
- Sensitivity is adjustable
- High switching frequency
- Dark switching
- Protection against short-circuit and reverse polarity



Function											
											 

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 36 V DC
No-load current (max.)	15 mA
Insulation voltage endurance	1000 V
Housing dimensions	30 x 30 x 15 mm
Housing length	30 mm
Housing height	30 mm
Housing width	15 mm
Housing material	Plastic (PBT)
Protection class	III, operation on protective low voltage
Amplifier for	2X2.2 mm plastic fiber optics
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 200 mA, NC
Voltage drop (max.)	2 V
Light source	LED
Color	Red
Wavelength	660 nm
Modulation	Clocked
Ambient light immunity	10 kLx
Switching hysteresis (max.)	10 %

**201457****OLVK 31 P2K-TSSL****Plastic fiber-optic amplifier**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Sensitivity adjustment	Potentiometer
Switching frequency	5000 Hz
Response time	0.50 ms
Release time	0.50 ms
Ambient temperature during operation	-25 ... +55 °C
Temperature drift	0.3 %/K
Protection type	IP 67
Connection	Connector, M8, 3-pin
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/201457">https://www.di-soric.com/201457</a></b>