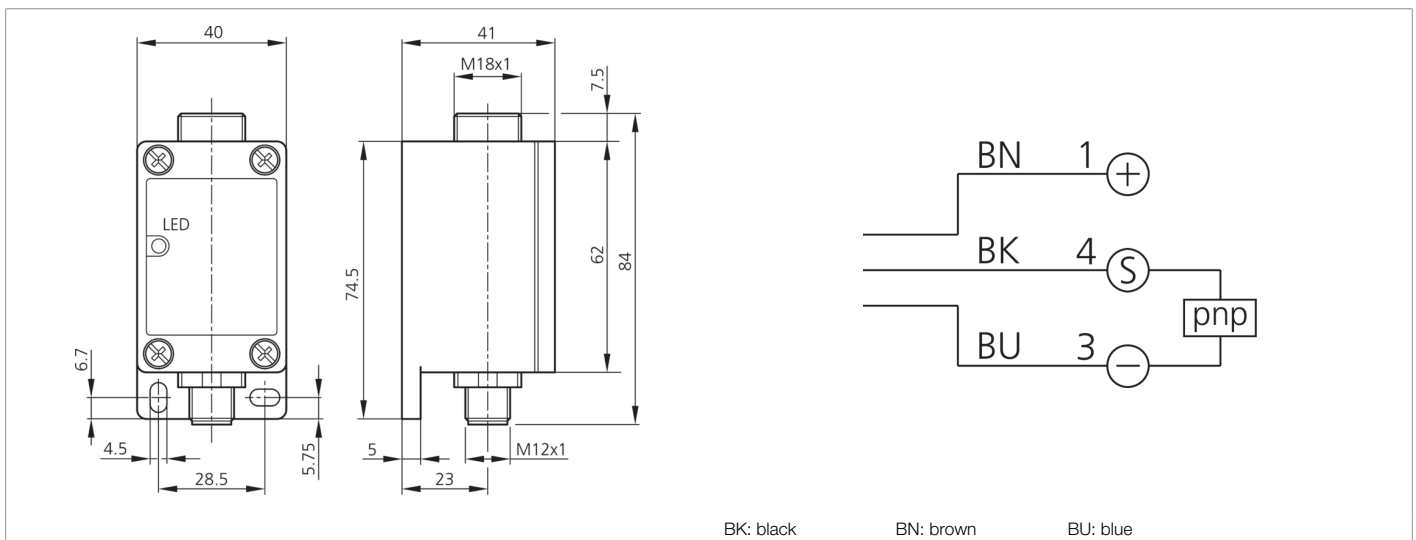




**201446**  
**OLV 40 P3K-IBS**  
**Glass fiber-optic amplifier**

- Metal casing
- Infrared light
- Sensitivity is adjustable
- High switching frequency
- Light/dark switching
- Time module optionally available



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	12 ... 35 V DC
No-load current (max.)	55 mA
Insulation voltage endurance	500 V
Housing length	74.5 mm
Housing height	41 mm
Housing width	40 mm
Housing material	Die-cast zinc (painted)
Protection class	III, operation on protective low voltage
Amplifier for	Glass fiber optics M18
Evaluation	digital
Design	Cuboid design
Switching output	pnp, 200 mA, NO/NC, programmable
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	20 kLx
Range	Dependent on fiber-optic cable
Switching hysteresis (max.)	10 %
Reproducibility	< 2 %



**201446**  
**OLV 40 P3K-IBS**  
**Glass fiber-optic amplifier**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Sensitivity adjustment	Potentiometer
Switching frequency	1500 Hz
Response time	0.33 ms
Release time	0.33 ms
Ambient temperature during operation	-10 ... +60 °C
Temperature drift	0.3 %/K
Protection type	IP 65
Connection	Connector, M12, 3-pin
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/201446">https://www.di-soric.com/201446</a></b>