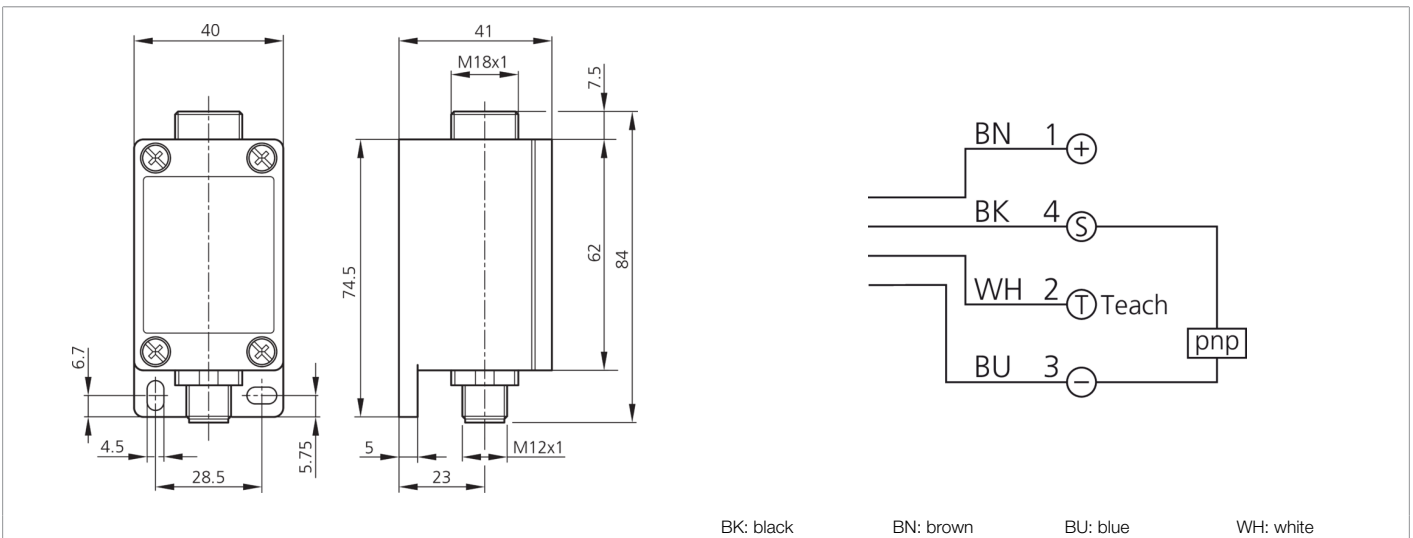




**201471**  
**OLVTI 41 P3K-IBS**  
**Glass fiber-optic amplifier**

- Sensitivity adjustable via external teach input or via buttons
- Metal casing
- Red light
- High switching frequency
- Light/dark switching
- Metal connector
- High protection type



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	45 mA
Insulation voltage endurance	500 V
Housing length	74.5 mm
Housing height	42 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
Voltage drop (max.)	2.8 V
Light source	LED
Color	Red
Wavelength	660 nm
Modulation	Clocked
Ambient light immunity	50 kLx
Range	60 mm
Switching hysteresis (max.)	12 %



**201471**  
**OLVTI 41 P3K-IBS**  
**Glass fiber-optic amplifier**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Reproducibility	< 2 %
Operating elements	3 (Teach, Man-, Man+)
Sensitivity adjustment	Teach button, Remote teach
Display	LED Green - Run, yellow - Output, Red - Teach / Error
Switching frequency	1500 Hz
Ambient temperature during operation	-10 ... +60 °C
Temperature drift	0.3 %/K
Protection type	IP 65
Connection	Connector, M12, 4-pin
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/201471">https://www.di-soric.com/201471</a></b>