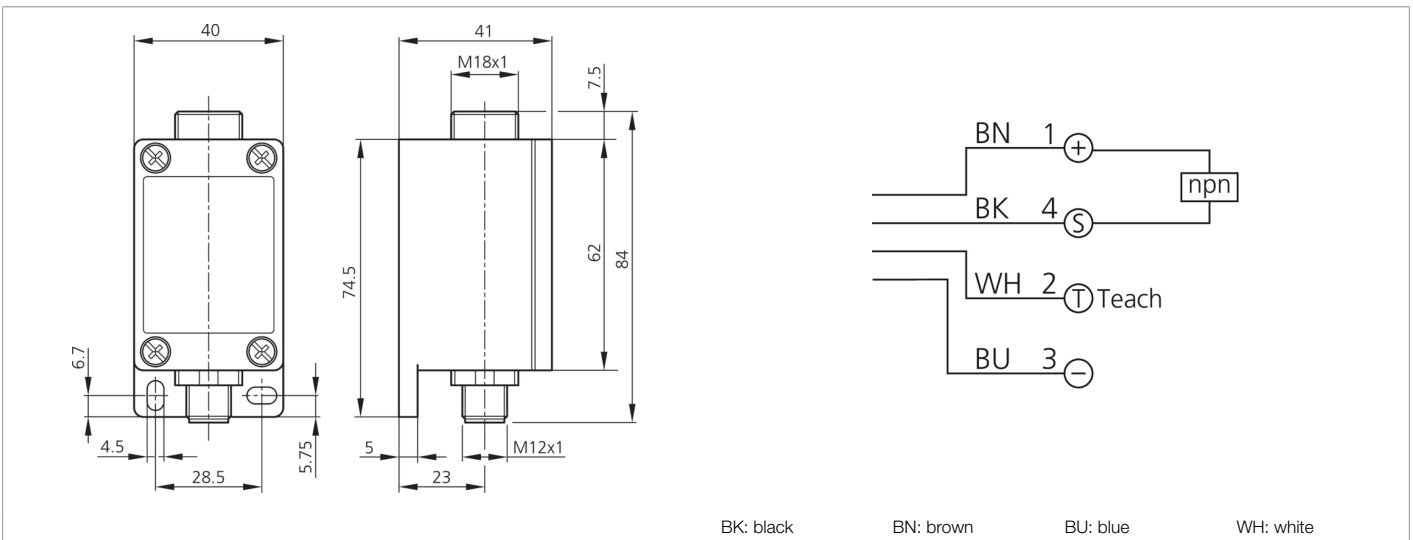




204342
OLVTI 41 N3K-IBS
Glass fiber-optic amplifier

- Metal casing
- Red light
- Teach keys, remote teach input
- Light/dark switching



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 35 V DC
No-load current (max.)	55 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	npn, 200 mA, NO/NC, switchable
Light source	LED
Color	Red
Wavelength	680 nm
Modulation	Clocked
Ambient light immunity	50 kLx
Range	60 mm
Switching hysteresis (max.)	12 %
Reproducibility	< 2 %



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OLVTI 41 N3K-IBS
Glass fiber-optic amplifier

Technical data (typ.)	+20°C, 24 V DC
Operating elements	3 (Teach, Man-, Man+)
Sensitivity adjustment	Teach button
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
More information / accessories	https://www.di-soric.com/204342