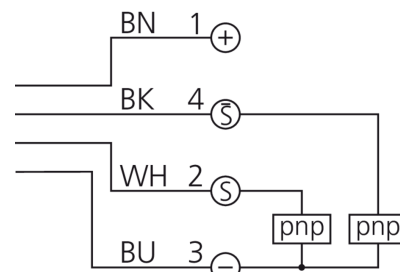
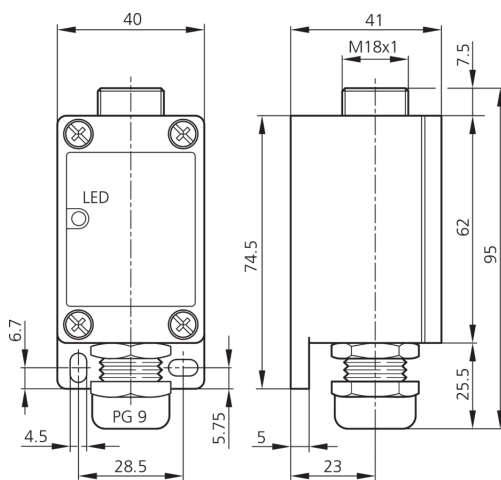




201448
OLV 40 P4K
Glass fiber-optic amplifier

- Metal casing
- Infrared light
- Sensitivity is adjustable
- High switching frequency
- Light/dark switching



BK: black

BN: brown

BU: blue

WH: white

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	12 ... 35 V DC
No-load current (max.)	55 mA
Insulation voltage endurance	500 V

Mechanical features

Housing length	74.5 mm
Housing height	41 mm
Housing width	40 mm
Housing material	Die-cast zinc (painted)

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Amplifier for	Glass fiber optics M18
Evaluation	digital
Design	Cuboid design

Output, input, interface

Switching output	pnp, 200 mA, antivalent
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201448
OLV 40 P4K
Glass fiber-optic amplifier

Technical data (typ.)		+20°C, 24 V DC
Optical data		
Light source	LED	
Color	Infrared	
Wavelength	880 nm	
Modulation	Clocked	
Ambient light immunity	20 kLx	
Detection range, measuring range, tolerance limits		
Range	Dependent on fiber-optic cable	
Switching hysteresis (max.)	10 %	
Reproducibility	< 2 %	
Display, operation		
Sensitivity adjustment	Potentiometer	
Time behavior		
Switching frequency	1500 Hz	
Response time	0.33 ms	
Release time	0.33 ms	
Ambient conditions		
Ambient temperature during operation	-10 ... +60 °C	
Temperature drift	0.3 %/K	
Protection type	IP 65	
Electrical connection		
Connection	Connection compartment, PG 9	
More information / accessories		https://www.di-soric.com/201448