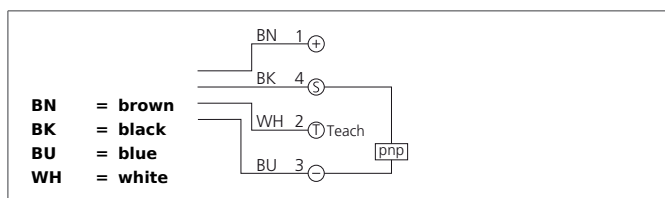


OLVTI 41 P3K-IBS

Amplifier for glass fiber optics

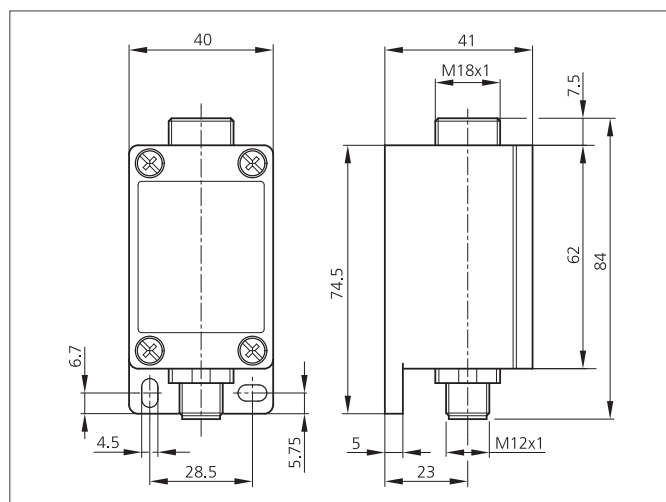
- Light/dark switching
- Sensitivity via external teach input or via push buttons adjustable
- Metal casing
- Red light
- High operating frequency
- Metal connector
- High protection class



Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



TECHNICAL INFORMATION (typ.)	
Amplifier for	+20°C, 24V DC Glass fiber optics M18
Evaluation	digital
Emitted light	Red, 660 nm, clocked
Service voltage	10 ... 35 V DC
No-load current	< 45 mA
Control elements	3 (Teach, Man-, Man+)
Operating distance	60 mm
Sensitivity adjustment	Teach key + remote teach
Switching output	pnp, 200 mA, NO/NC, programmable
Switching hysteresis	< 12 %
Shock/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Display	LED: green - Run, yellow - Output, red - Teach / Error
Voltage drop	< 2,8 V
Switching frequency	1500 Hz
Reproducibility	< 2 %
Ambient temperature, operation	-10 ... +60 °C
Ambient light immunity	50 kLx
Insulation voltage endurance	500 V
Protection class	IP 65
Casing material	Die-cast zinc lacquered finish
Connection	Connector, M12, 4-poled