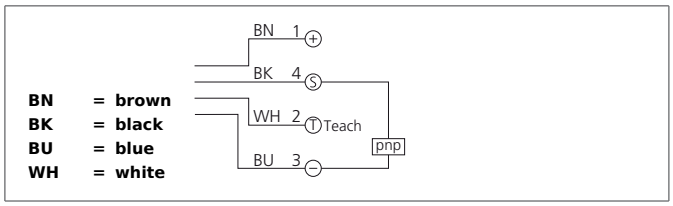
OLVTI 40 P3K-IBS

Amplifier for glass fiber optics

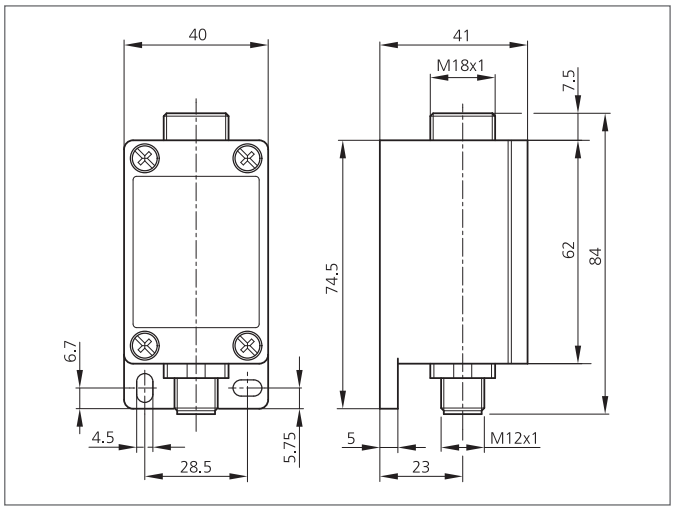
- Sensitivity via external teach input or via push buttons adjustable
- Metal casing
- Infrared light
- High operating frequency
- Light / dark switching
- Metal connector
- High protection class





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.)	+20°C, 24V DC
Amplifier for	Glass fiber optics M18
Evaluation	digital
Emitted light	Infrared, 880 nm, clocked
Service voltage	10 ... 35 V DC
Internal power consumption	< 45 mA
Control buttons	3 (Teach, Man-, Man+)
Operating distance	80 mm
External teach input	active: Teach > 2 s -> UB, not active: Teach -> GND
Sensitivity adjustment	Teach key + remote teach
Switching output	pnp, 200 mA, NO/NC, programmable
Switching hysteresis	< 12 %
Display	LED: green - Run, yellow - Output, red - Teach / Error
Voltage drop	< 2,8 V
Switching frequency	1.500 Hz
Reproducibility	< 2 %
Ambient temperature	-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