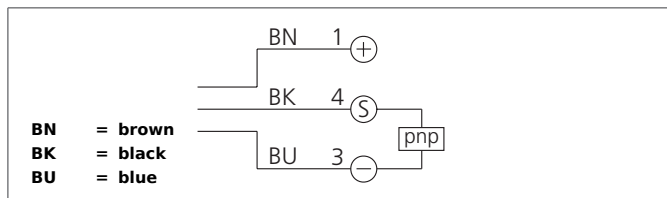


OLVK 41 P3K-TSSL

Amplifier for plastic fiber optics

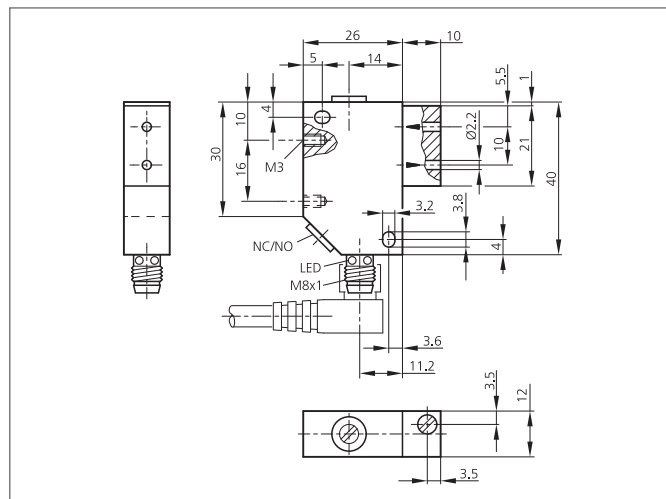
- Compact plastic casing
- Easy-to-install
- Red light
- Sensitivity adjustable
- High operating frequency
- Light/dark switching
- Protection against short-circuit and reverse polarity



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
Evaluation	Plastic fiber optics 2x2,2 mm
Emitted light	digital
Service voltage	Red, 660 nm, clocked
No-load current	12 ... 35 V DC
Sensitivity adjustment	< 36 mA
Switching output	potentiometer
Switching hysteresis	pnp, 200 mA, NO/NC, switchable
Shock-/vibration load	< 15 %
Voltage drop	10 ... 55 Hz / 1,0 mm / 30 g
Switching frequency	< 2,0 V
Response-/release time	750 Hz
Ambient temperature, operation	0,10 ms / 2,0 ms
Temperature drift	0 ... +60 °C
Ambient light immunity	0,3 %/K
Insulation voltage endurance	30 kLx
Protection class	500 V
Casing material	IP 65
Connection	polyester
	Connector, M8, 3-poled