

OLVK 41 N3K-TSSL

Amplifier for plastic fiber optics

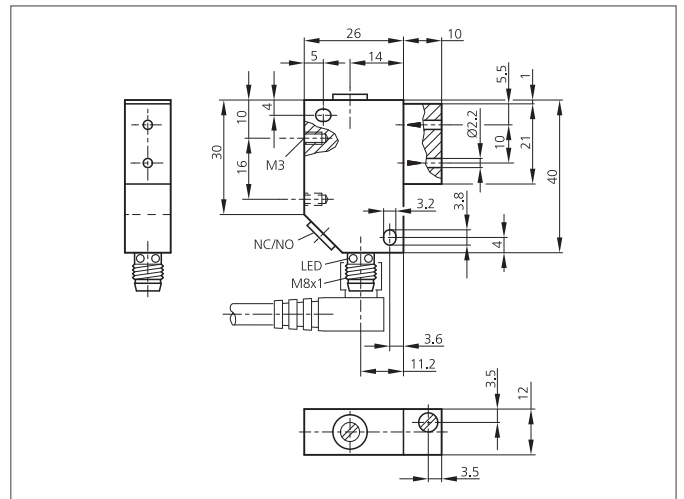
- Compact plastic casing
- Easy-to-install
- Red light
- Sensitivity adjustable
- High operating frequency
- Light/dark switching
- Protection against short-circuit and reverse polarity



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