

OLVK 41 N3K-TSSL

Amplifier for plastic fiber optics

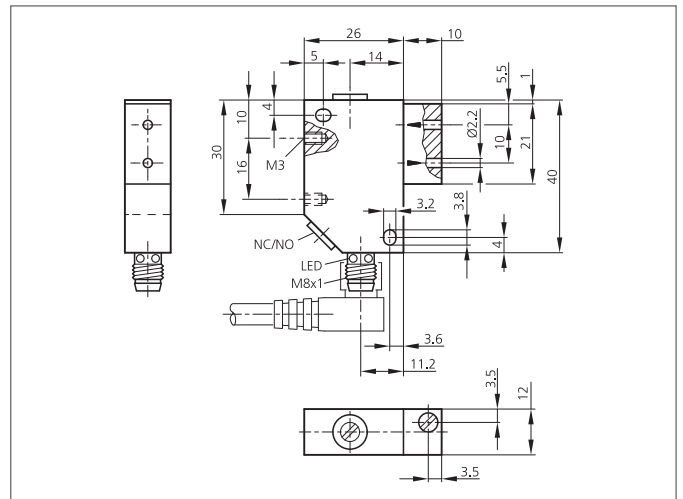
- Compact plastic casing
- Easy-to-install
- Red light
- Sensitivity adjustable
- High operating frequency
- Light/dark switching
- Protection against short-circuit and reverse polarity



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.)		+20°C, 24V DC
Amplifier for		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