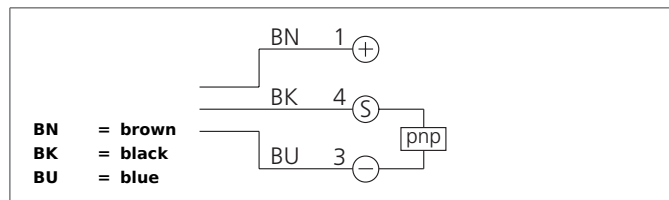


OTV 40 K 200 P3K-TSL

Diffuse Sensor



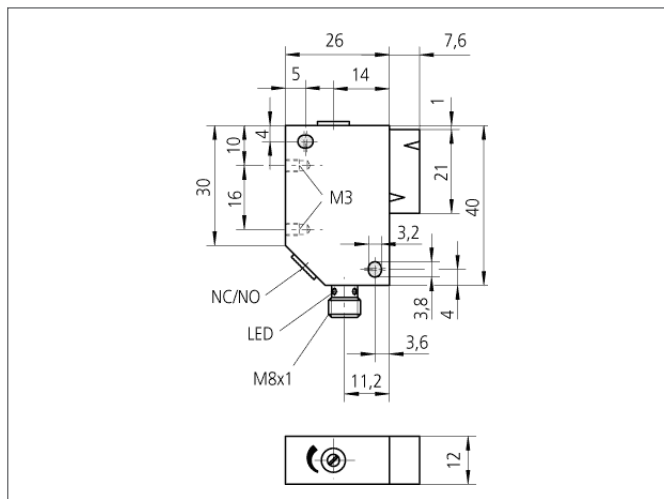
- Compact design
- Infrared light
- Sensitivity adjustable
- High resolution
- Light/dark switching



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
Operating principle	Diffuse reflective sensor
Evaluation	digital
Size	40 x 34 x 12 mm (Dimensions)
Design	cuboid design
Emitted light	Infrared, 880 nm, clocked
Standardized measuring plate	100 x 100 mm, white
Service voltage	10 ... 35 V DC
Internal power consumption	< 30 mA
background suppression	no
Operating distance	200 mm
Sensitivity adjustment	potentiometer
Switching output	pnp, 200 mA, NO/NC, switchable
Switching hysteresis	< 10 %
Voltage drop	< 2,0 V
Switching frequency	750 Hz
Response-/release time	< 1 ms / < 2 ms
Ambient temperature	0 ... +60 °C
Temperature drift	0,3 %/K
Ambient light immunity	50 kLx
Insulation voltage endurance	500 V
Protection class	IP 67
Protection degree	III, operation on protective low voltage
Casing material	polyester glass-fibre reinforced

OTV 40 K 200 P3K-TSL
Diffuse Sensor



TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Material	plastic (Window)
Connection	Connector, M8, 3-poled