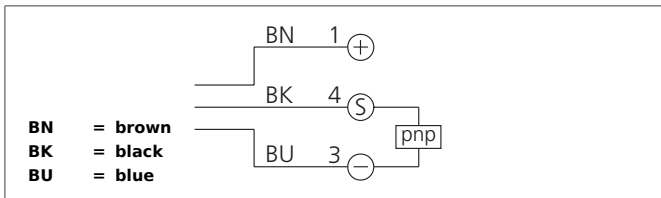


# OTV 40 K 200 P3K-TSL

## Diffuse Sensor



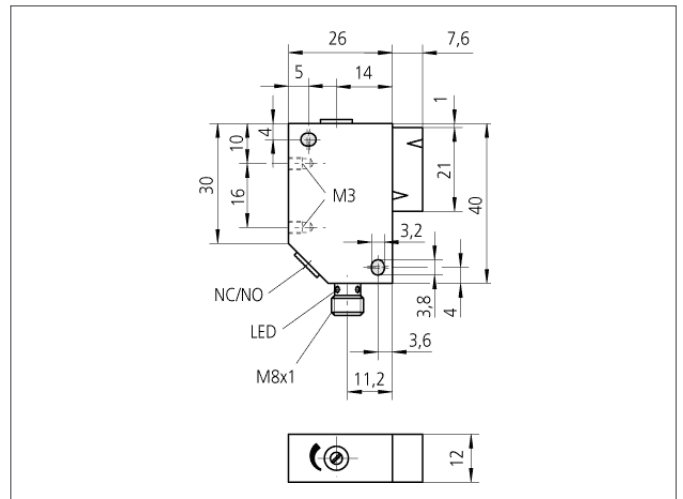
- Compact design
- Infrared light
- Sensitivity adjustable
- High resolution
- Light/dark switching



### 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**



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