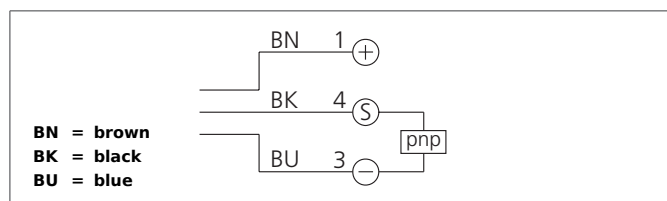


OTV 40 K 200 P3K-TSL

Diffuse Sensor

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

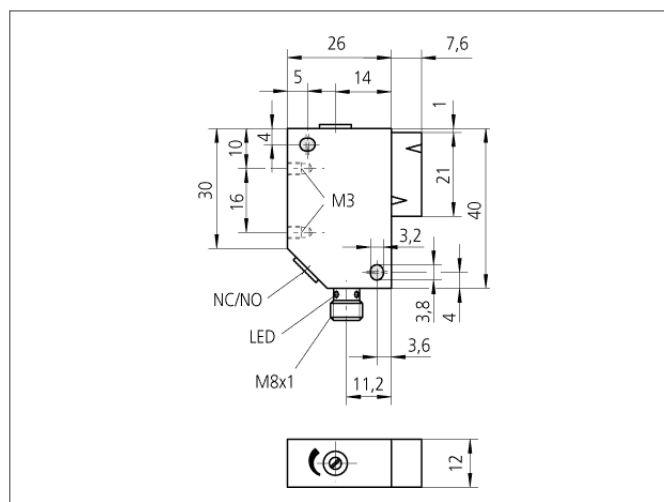


Safety instructions

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.

Repair only by di-soric.



TECHNICAL INFORMATION		+20°C, 24V DC
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
background suppression		no
Operating distance		200 mm
Output		pnp, 200 mA, NO/NC, switchable
Sensitivity adjustment		potentiometer
Internal power consumption		< 30 mA
Voltage drop		< 2,0 V
Operating frequency		750 Hz
Response-/release time		< 1 ms / < 2 ms
Switching hysteresis		< 10 %
Ambient temperature		0 ... +60 °C
Temperature drift		0,3 %/K
Ambient light immunity		> 50 kLx
Insulation voltage endurance		500 V
Protection class		IP 67
Casing material		polyester glass-fibre reinforced
Material		plastic (Window)
Connection		Connector, M8, 3-poled