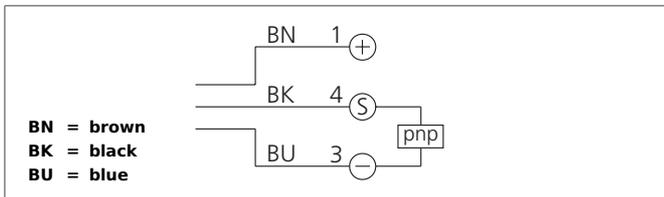


# OTV 05 V 50 P2K-TSSL

## Diffuse Sensor

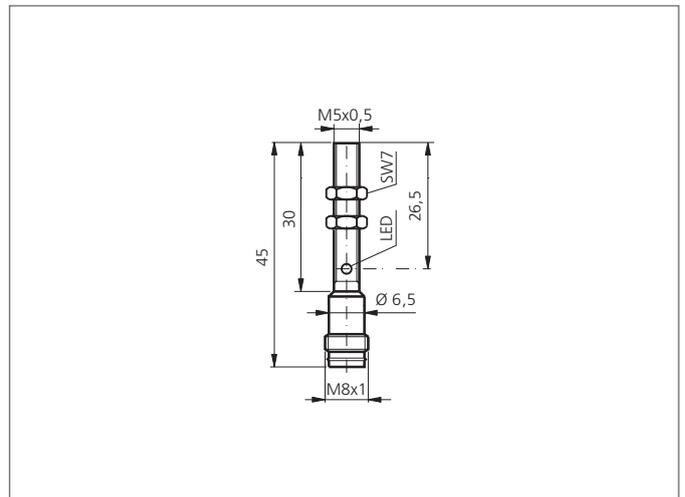
- Small design
- Infrared light, clocked
- High resolution
- Functional reserve



### 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	M5 (Gewinde)
Design	screw
Emitted light	Infrared, 880 nm, clocked
Standardized measuring plate	100 x 100 mm, white
Service voltage	10 ... 36 V DC
background suppression	no
Operating distance	50 mm
Output	pnp, 100 mA, NC
Sensitivity adjustment	no setting elements
Internal power consumption	< 15 mA
Voltage drop	< 2,0 V
Operating frequency	250 Hz
Response-/release time	< 3 ms / < 3 ms
Switching hysteresis	< 10 %
Ambient temperature	-25 ... +55 °C
Temperature drift	0,3 %/K
Ambient light immunity	> 10 kLx
Insulation voltage endurance	1.000 V
Protection class	IP 67
Casing material	stainless steel
Material	glass (Window)
Connection	Connector, M8, 3-poled