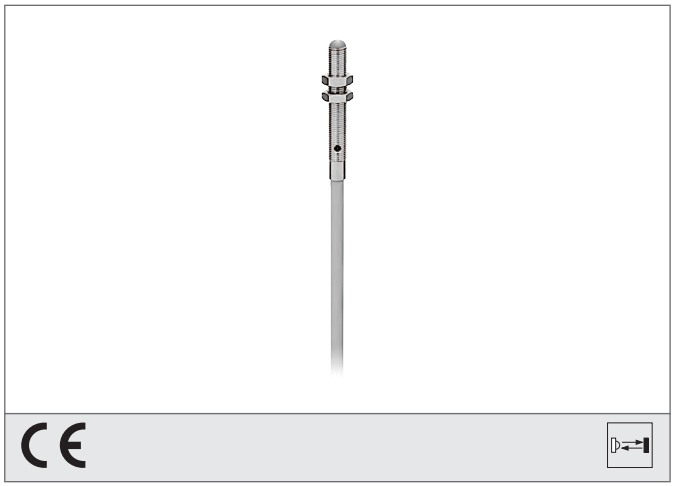
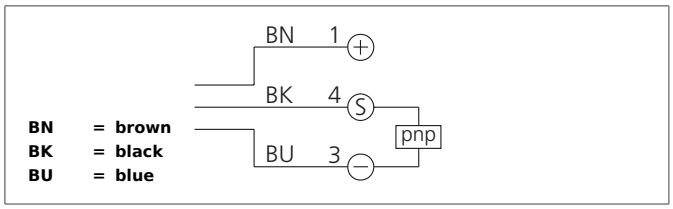
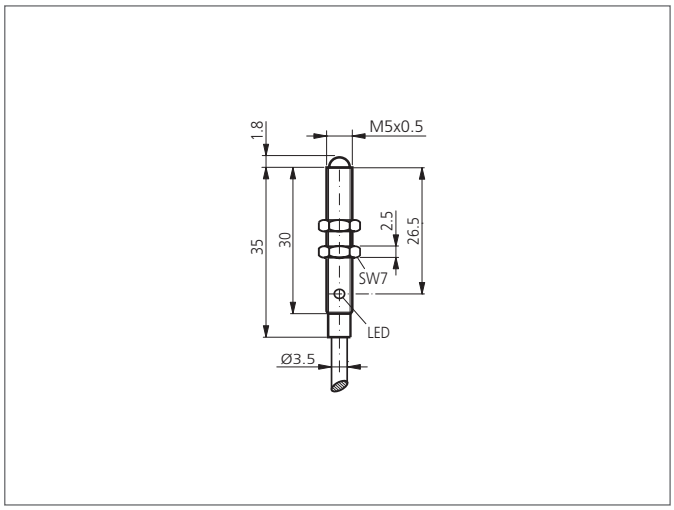
OTV 05 V 10 P1K
Diffuse Sensor

- Extrem small design
- Infrared light
- High resolution
- Functional reserve
- Cylindrical light beam







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	M5 x 0,5 (thread)
Design	screw
Emitted light	Infrared, 880 nm, clocked
Standardized measuring plate	100 x 100 mm, white
Service voltage	10 ... 36 V DC
Internal power consumption	< 10 mA
background suppression	no
Operating distance	10 mm
Sensitivity adjustment	no setting elements
Switching output	pnp, 100 mA, NO
Switching hysteresis	< 10 %
Voltage drop	< 2,0 V
Switching frequency	250 Hz
Response-/release time	< 2,5 ms / < 2,5 ms
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
Protection degree	III, operation on protective low voltage
Casing material	stainless steel V2A (1.4301 / AISI 304)

OTV 05 V 10 P1K
Diffuse Sensor

TECHNICAL INFORMATION (typ.)	+20°C, 24V DC
Material	glass (Window)
Connection	cable PVC, 2 m