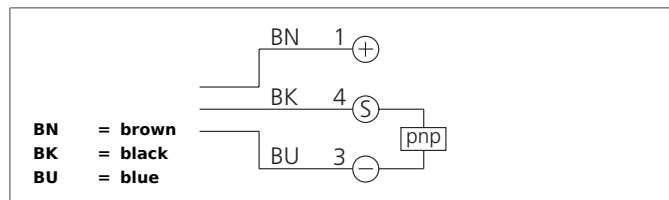


OTVTI 51 V 500 P3LK-0.3BS/IP69K-R

Diffuse Sensor



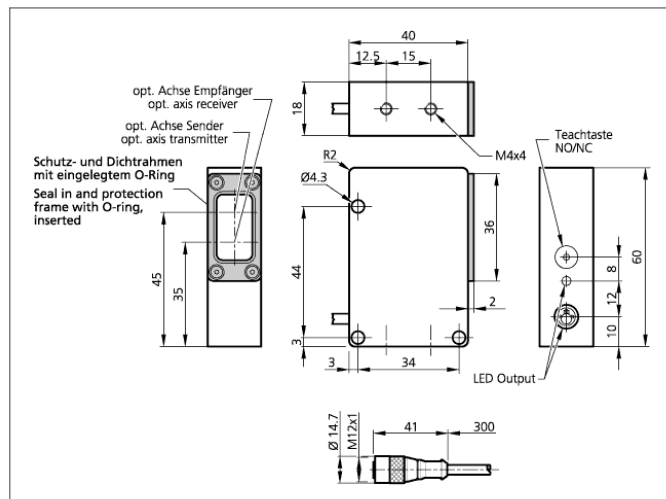
- Durable protection and sealing of the optics thanks to protection frame with O-ring inserted
- Protection class IP 69K, connecting cable included
- Stainless steel casing for use in the beverage and food industry
- Entire operation via teach key
- Functional reserve indicator/contamination indicator
- Durable laser marking



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		60 x 40 x 18 mm (Dimensions)
Design		cuboid design
Emitted light		Red, 660 nm, clocked
Standardized measuring plate		200 x 200 mm, white
Service voltage		10 ... 35 V DC
Internal power consumption		< 45 mA
background suppression		no
Transmitting power adjustment		100 ... 0 % adjustable
Operating distance		100 ... 500 mm
Sensitivity adjustment		Teach key
Switching output		pnp, 200 mA, NO/NC, switchable
Switching hysteresis		< 12 %
Voltage drop		< 2,0 V
Switching frequency		1.000 Hz
Reproducibility		< 1 %
Ambient temperature		-10 ... +60 °C
Ambient light immunity		10 kLx
Insulation voltage endurance		500 V
Protection class		IP 69K, (at tightening torque PRK... = 0,6 Nm)
Protection degree		III, operation on protective low voltage
Casing material		stainless steel V4A, (1.4404 / AISI 316L - 1.4571 / AISI 316Ti)

OTVTI 51 V 500 P3LK-0.3BS/IP69K-R

Diffuse Sensor



TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Material		polymethyl methacrylate (Window)
Connection		Cable, 300 mm, + connector M12