

OTVTI 51 V 500 P3LK-5M/IP69K-R

Diffuse Sensor

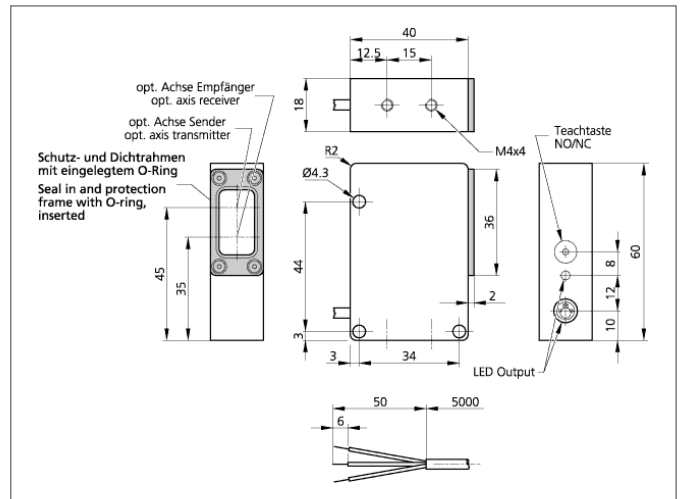
- Protection class IP 69K, connecting cable included
- Stainless steel casing for use in the beverage and food industry
- Durable protection and sealing of the optics thanks to protection frame with O-ring inserted
- Entire operation via teach key
- Functional reserve indicator/contamination indicator
- 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
Protection degree	III, operation on protective low voltage
Casing material	stainless steel V4A, (1.4404 / AISI 316L - 1.4571 / AISI 316Ti)

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TECHNICAL INFORMATION (typ.)		+20°C, 24V DC
Material		polymethyl methacrylate (Window)
Connection		Cable, 5 m