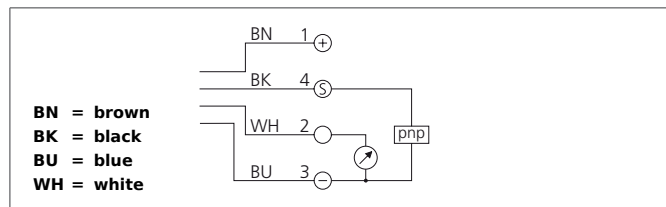


OGU 050/2.5 IP3K-IBS

Fork Light Barrier

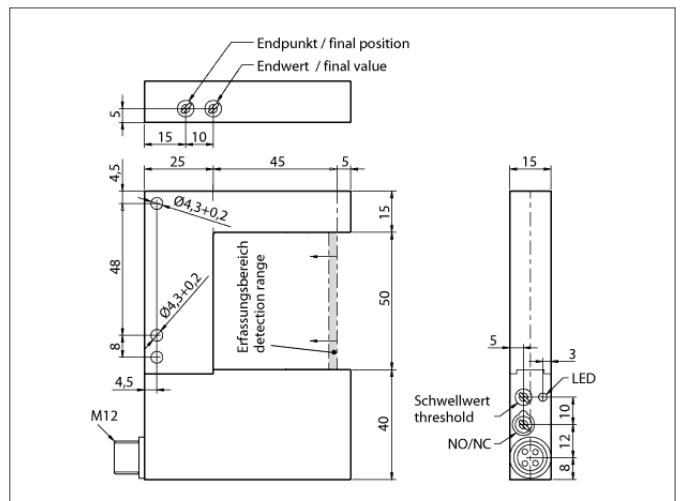
- Different measuring ranges
- Analog output
- IR-light
- Metal casing
- LED integrated in housing



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	
Evaluation	+20°C, 24V DC analog
Size	105 x 75 x 15 mm (Dimensions)
Design	fork
Fork opening	50 mm
Emitted light	Infrared, clocked
Service voltage	15 ... 35 V DC
Transmitter / receiver	transmitter + receiver
Detection range	2,5 mm
Output	pnp, 200 mA, NO/NC, switchable
analog output	4 ... 20 mA
Sensitivity adjustment	potentiometer
Internal power consumption	< 80 mA
Voltage drop	2,8 V
Operating frequency	2.000 Hz, (depending on the threshold value set)
Resolution	Ø 0,5 mm
Switching hysteresis	< 10 %
Reproducibility	0,05 mm
Linearity error	5%
Ambient temperature	+5 ... +50 °C
Ambient light immunity	> 10 kLx
Insulation voltage endurance	500 V
Protection class	IP 67
Casing material	Aluminium black anodized

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Fork Light Barrier

TECHNICAL INFORMATION

Connection

+20°C, 24V DC

Connector, M12, 4-poled