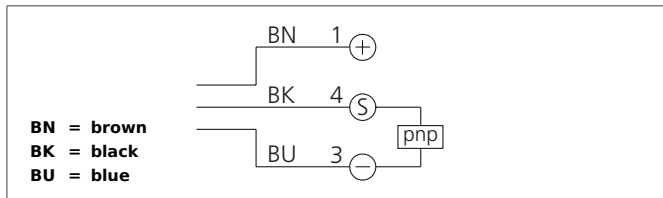


Fork Light Barrier

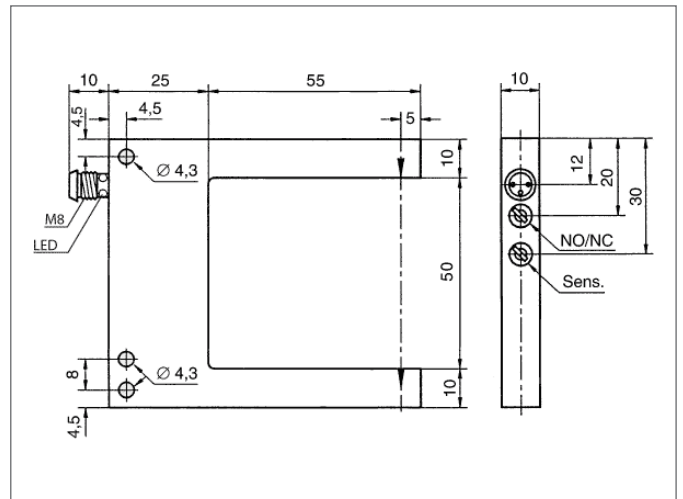
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The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.

Repair only by di-soric.



TECHNICAL INFORMATION		+20°C, 24V DC
Evaluation		digital
Size	70 x 80 x 10 mm (Dimensions)	
Design	fork	
Fork opening	50 mm	
Emitted light	Infrared, 880 nm, clocked	
Service voltage	10 ... 35 V DC	
Transmitter / receiver		transmitter + receiver
Output	pnp, 200 mA, NO/NC, switchable	
Sensitivity adjustment		potentiometer
Internal power consumption		< 30 mA
Voltage drop		2,8 V
Operating frequency		4.000 Hz
Resolution		Ø 0,5 mm
Switching hysteresis		< 0,25 mm
Reproducibility		0,04 mm
Ambient temperature		-10 ... +60 °C
Ambient light immunity		> 25 kLx
Protection class		IP 67
Casing material		stainless steel V4A (1.4404 / 1.4571)
Connection		Connector, M8, 3-poled