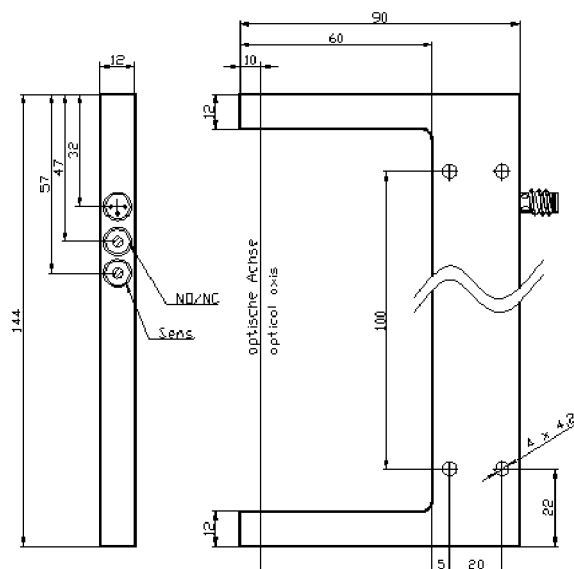


# Gabellichtschranken *fork light barriers*

Standard *standard*

Gabelweite <i>fork opening</i>	120 mm
Anschluss <i>connection</i>	Stecker M8 <i>plug M8</i>
Empfindlichkeit <i>sensitivity</i>	einstellbar <i>adjustable</i>



Betriebsspannung <i>service voltage</i>	10-35 VDC
Eigenstromaufnahme <i>internal power consumpt.</i>	< 35 mA
Spannungsabfall <i>voltage drop</i>	< 2,5 V
Schalthyterese <i>switching hysteresis</i>	< 0,2 mm
Reproduzierbarkeit <i>reproducibility</i>	< 0,01 mm
Temperaturdrift <i>temperature drift</i>	< 10 %
Umgebungstemperatur <i>ambient temperature</i>	- 10°C ... + 60°C
Schutzart <i>protection class</i>	IP 67
Sendelicht <i>emitted light</i>	infrarot / getaktet <i>infrared / clocked</i>   rot / getaktet <i>red / clocked</i>
Gehäusematerial <i>casing material</i>	Alu / schwarz eloxiert <i>aluminium / black anodized</i>
Isolationsspannung <i>insulation voltage endurance</i>	500 V
Fremdlichfestigkeit <i>ambient light immunity</i>	50 klx
Auflösung <i>resolution</i>	0,4 mm
max. Laststrom <i>max. load current</i>	200 mA / kurzschlußfest <i>short-circuit-proof</i>
Schaltfrequenz <i>max. operating frequency</i>	2,5 kHz

Schema <i>diagramm</i>	Ausgang <i>output</i>	Infrarot <i>infrared</i>	Rotlicht <i>red-light</i>
3	PNP-NO/NC	OGS-120-PUKI-ST3	OGS-120-PUK-ST3
1	PNP-NO	OGS-120-PSKI-ST3	OGS-120-PSK-ST3
2	PNP-NC	OGS-120-POKI-ST3	OGS-120-POK-ST3
6	NPN-NO/NC	OGS-120-NUKI-ST3	OGS-120-NUK-ST3
4	NPN-NO	OGS-120-NSKI-ST3	OGS-120-NSK-ST3
5	NPN-NC	OGS-120-NOKI-ST3	OGS-120-NOK-ST3