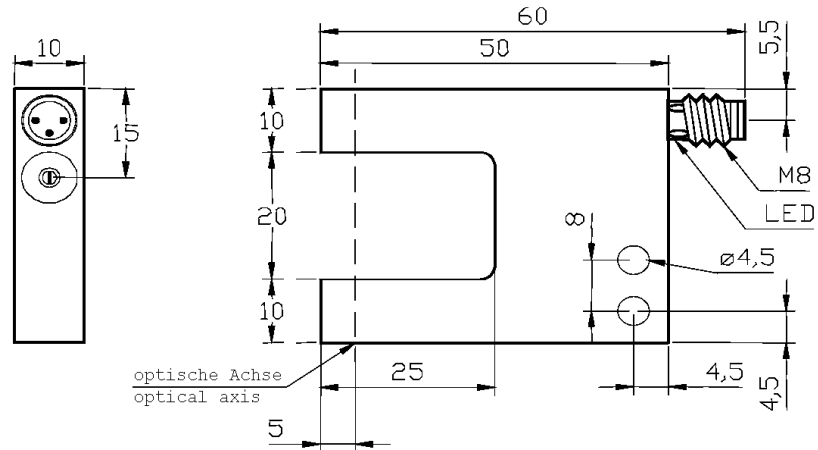


Standard *standard*

| | |
|------------------------------------|-------------------------------|
| Gabelweite <i>fork opening</i> | 20 mm |
| Anschluss <i>connection</i> | Stecker M8 <i>plug M8</i> |
| Empfindlichkeit <i>sensitivity</i> | einstellbar <i>adjustable</i> |

Gabellichtschranken
fork light barriers



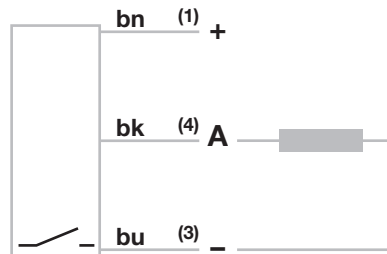
| | | | |
|--|--|-------------------------------------|---|
| Betriebsspannung <i>service voltage</i> | 10-35 VDC | | |
| Eigenstromaufnahme <i>internal power consumpt.</i> | < 35 mA | | |
| Spannungsabfall <i>voltage drop</i> | < 2,5 V | | |
| Schalthysterese <i>switching hysteresis</i> | < 0,2 mm | | |
| 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> | infrarot / getaktet <i>infrared / clocked</i> |
| Gehäusematerial <i>casing material</i> | Alu / schwarz eloxiert <i>aluminium / black anodized</i> | | |
| Isolationsspannung <i>insulation voltage endurance</i> | 500 V | | |
| Fremdlichtfestigkeit <i>ambient light immunity</i> | 50 klx | | |
| Auflösung <i>resolution</i> | 0,4 mm | 0,4 mm | 1,5 mm |
| max. Laststrom <i>max. load current</i> | 200 mA / kurzschlußfest <i>short-circuit-proof</i> | | |
| Schaltfrequenz <i>max. operating frequency</i> | 5 kHz | | |

| Schema <i>diagramm</i> | Ausgang <i>output</i> | Infrarot <i>infrared</i> | Rotlicht <i>red light</i> | Schmutzunempfindlich <i>dirt non sensitive</i> |
|------------------------|-----------------------|--------------------------|---------------------------|--|
| 3 | PNP-NO/NC | – | – | – |
| 1 | PNP-NO | EGMD0204I | EGMD0204R | EGMD0204L |
| 2 | PNP-NC | EGMD0205I | EGMD0205R | EGMD0205L |
| 6 | NPN-NO/NC | – | – | – |
| 4 | NPN-NO | EGMD0202I | EGMD0202R | EGMD0202L |
| 5 | NPN-NC | EGMD0203I | EGMD0203R | EGMD0203L |



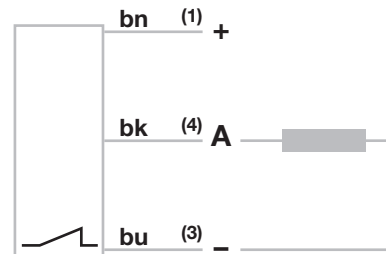
Schema 1 *diagramm 1*

PNP Schließer (NO)
PNP closer (NO)



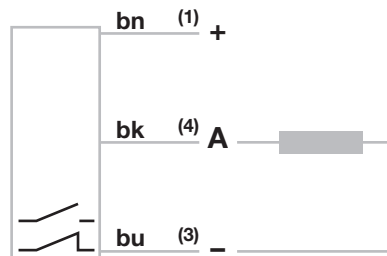
Schema 2 *diagramm 2*

PNP Öffner (NC)
PNP opener (NC)



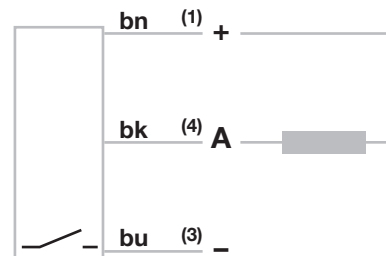
Schema 3 *diagramm 3*

PNP Schließer/Öffner (NO/NC)
PNP closer/opener (NO/NC)



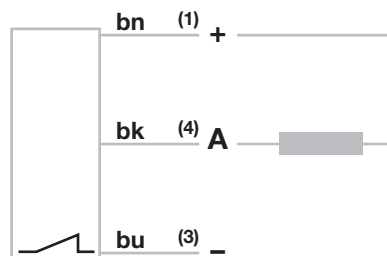
Schema 4 *diagramm 4*

NPN Schließer (NO)
NPN closer (NO)



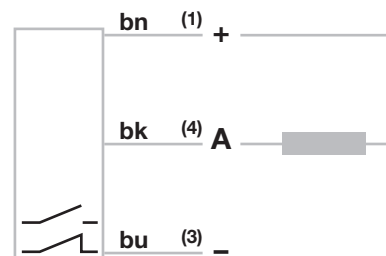
Schema 5 *diagramm 5*

NPN Öffner (NC)
NPN opener (NC)



Schema 6 *diagramm 6*

NPN Schließer/Öffner (NO/NC)
NPN closer/opener (NO/NC)



Schema 8 *diagramm 8*