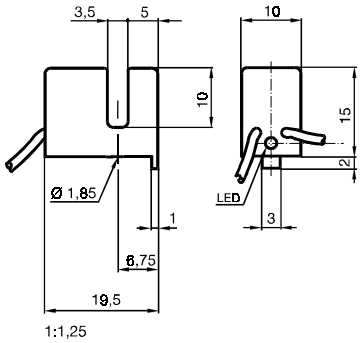
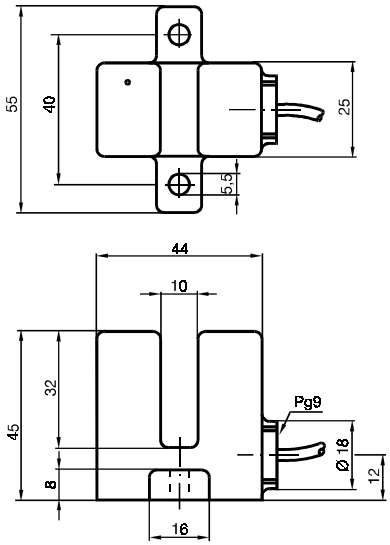
# Slot Type DC 3-wire

**Standard series**

**3,5 mm slot width**

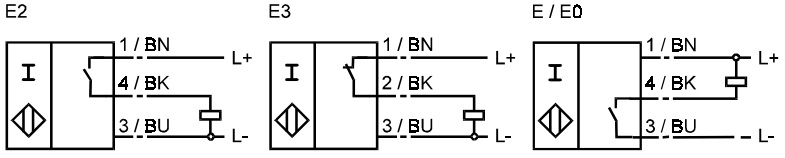
**10 mm slot width**




| Slot width | | 3,5 mm | | 10 mm | |
|---|---|---|---|---|---|
| PNP | Make function | SJ3,5-E2 | | SJ10-E2 | |
| | Break function | | | SJ10-E3 | |
| NPN | Make function | | | SJ10-E | |
| | Break function | | | | |
| Entry depth [mm] | | 5 ...7 | | 13,5 ...16,5 | |
| Operating voltage $U_B$ [V] | | 10 ...30 | | 10 ...30 | |
| Operational current $I_L$ [mA] | | 100 | | 200 | |
| Switching frequency [Hz] | | 2000 | | 1000 | |
| No-load supply current [mA] | | 15 | | 15 | |
| Voltage drop [V] | | 3 | | 3 | |
| Short circuit protection | | pulsing | | pulsing | |
| Reverse polarity protection | | yes | | yes | |
| Output indicator | | LED, yellow | | - | |
| | | | | | |
| Operating temperature [°C] | | -25 ...70 | | -25 ...70 | |
| EMC to | | EN 60947-5-2 | | EN 60947-5-2 | |
| Protection to DIN 40050 | | IP 67 | | IP 67 | |
| | | | | | |
| Connection | | 0,5 m, leads LIY | | 2 m, PVC-cable | |
| Conductor cross section | | 0,14 mm² | | 0,75 mm² | |
| Housing material | | PBT | | PBT | |
| | | | | | |
| | | | | | |

**Standard symbol / connection:**




Inductive sensors