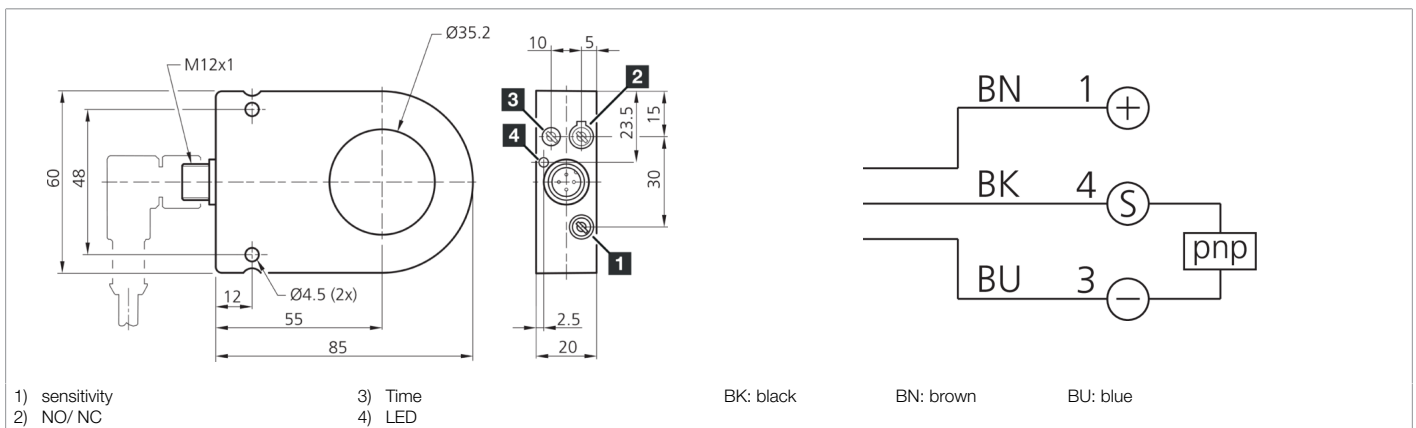




202436
IR 35 PSOK-IBS
Inductive ring sensor

- High resolution
- Short response time
- Sensitivity and pulse stretching adjustable
- Resistant to dirt
- Static operating principle
- Metal connector
- High protection type



| Function | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |

| Technical data (typ.) | | +20°C, 24 V DC |
|--------------------------------------|--|--|
| Service voltage | | 10 ... 35 V DC (Supply Class 2) |
| No-load current (max.) | | 11 mA |
| Insulation voltage endurance | | 1000 V |
| Internal diameter | | 35.2 mm |
| Assembly distance to metal (min.) | | 30 mm |
| Housing material | | Plastic (PA) |
| Material | | POM (Ring) |
| Protection class | | III, operation on protective low voltage |
| Approvals | | UL |
| Operating principle | | inductive |
| Evaluation | | Static |
| Switching output | | pnp, 200 mA, NO/NC, switchable |
| Voltage drop (max.) | | 2 V |
| Pulse stretching | | 10 ... 150 ms adjustable |
| Resolution | | Ø 4.5 mm |
| Sensitivity adjustment | | Potentiometer |
| Speed of parts (max.) | | 35 m/s |
| Response time | | 0.50 ms |
| Release time | | 10 ms |
| Ambient temperature during operation | | -25 ... +70 °C |
| Protection type | | IP 67 |
| Connection | | Connector, M12, 4-pin, A-coded |
| Connection cable | | VK ... |



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[More information / accessories](#)

<https://www.di-soric.com/202436>