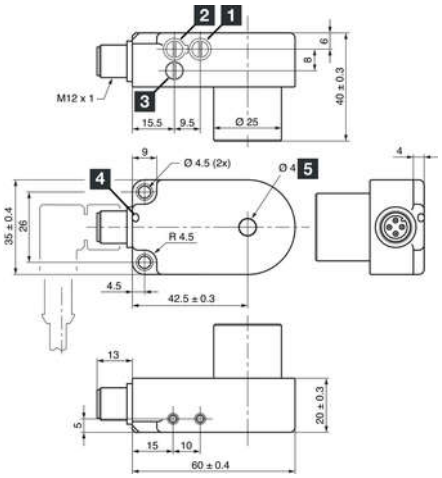
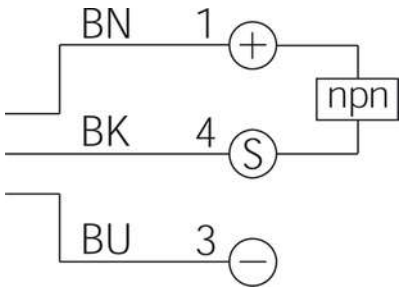
# 204975
# IRDB 4 NSOK-IBS
# Inductive wire break sensor

- Compact design
- Wear-resistant ceramic insert
- High resolution
- Short response time
- Pulse stretching adjustable
- Static operating principle
- Resistant to dirt
- Metal connector
- High protection type






1) sensitivity
2) NO/ NC
3) Time
4) LED
5) Ring POM with ceramic insert

BK: black BN: brown BU: blue

**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 | 4.0 mm |
| Assembly distance to metal (min.) | 5 mm |
| Housing material | Plastic (PA) |
| Material | ■ POM (Ring)<br>■ Ceramic (Socket) |
| Protection class | III, operation on protective low voltage |
| Approvals | UL |
| Operating principle | inductive |
| Evaluation | Static |
| Switching output | npn, 200 mA, NO/NC, switchable |
| Voltage drop (max.) | 2 V |
| Pulse stretching | 10 … 150 ms adjustable |
| Resolution | Ø 0.2 mm (Copper wire) |
| Sensitivity adjustment | Potentiometer |
| Speed of parts (max.) | 35 m/s |
| Response time | 0.50 ms |

# 204975
# IRDB 4 NSOK-IBS
# Inductive wire break sensor

| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| 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 … |

| More information / accessories | https://www.di-soric.com/204975 |
|---|---|


© di-soric . Right to change reserved