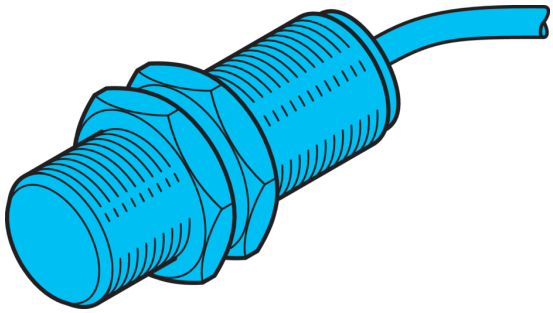
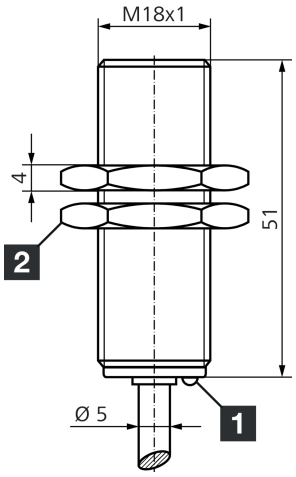
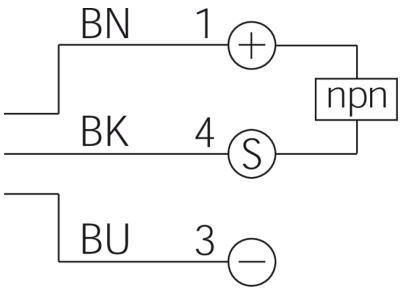
# 209424
# D7B 18 VB 05 NS-3
# Inductive proximity sensor

- Closed, all-steel sleeve
- Same operating distance to steel and aluminum
- Housing and sensing face made of stainless steel
- Insensitive to aggressive cleaning agents, environmental influences and hot filings
- Highly flexible cable
- Integrated amplifier
- Protection against short-circuit and reverse polarity
- LED






1) LED 2) Width over flats 24 mm BK: black BN: brown BU: blue

| Function |
|---|
| |

| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| Service voltage | 10 … 30 V DC |
| Internal power consumption | < 10 mA |
| Insulation voltage endurance | According to IEC 60947-5-2 (7.2.3.1) |
| Installation type | Flush |
| Thread | M18 x 1 |
| Housing length | 51 mm |
| Housing material | Stainless steel (V2A 1.4305 / AISI 303) |
| Material of cable | Polyurethane |
| Protection class | III, operation on protective low voltage |
| Operating principle | inductive |
| Evaluation | digital |
| Design | Thread |
| Characteristics | pressure-resistant, < 60 bar, Full-metal casing closed |
| Product series | INW-300 Full metal extended |
| Switching output | npn, 200 mA, NO |
| Voltage drop (max.) | 2 V |
| Switching distance (SN) | 5 mm |
| Standardized measuring plate | 18 x 18 x 1 mm |
| Switching hysteresis (max.) | 15 % |
| Switching frequency | 100 Hz |

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| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| Ambient temperature during operation | -25 … +70 °C |
| Protection type | IP 68 / IP 69K |
| Connection | Cable, 2.0 m (flying leads) |

| More information / accessories | https://www.di-soric.com/209424 |
|---|---|


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