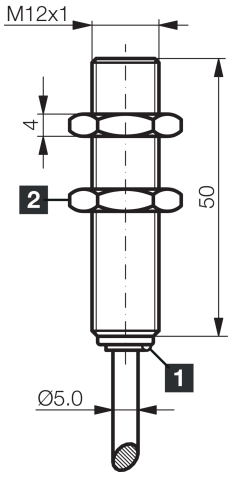
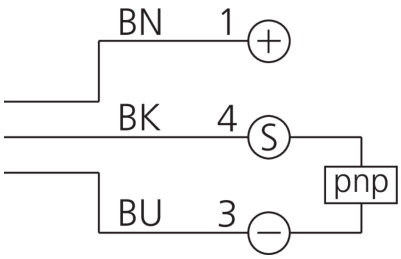
# 200045
# D7C 12 V 06 PSLK/5mPUR
# Inductive proximity sensor

- Closed, all-steel sleeve
- 3-times the standard operating distance
- 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
- Short-circuit protection
- Starting pulse suppression
- LED




1) LED 2) Width over flats 17 mm BK: black BN: brown BU: blue

**Function**

| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| **Electrical features** | |
| Service voltage | 10 … 30 V DC |
| Internal power consumption | < 12 mA |
| Insulation voltage endurance | According to IEC 60947-5-2 (7.2.3.1) |
| **Mechanical features** | |
| Installation type | Flush |
| Thread | M12 x 1 |
| Housing length | 51 mm |
| Housing material | Stainless steel |
| Material of cable | Polyurethane |
| Tightening torque | 20 Nm |
| **Certifications, approvals** | |
| Protection class | III, operation on protective low voltage |
| Approvals | UL |
| **General features** | |
| Operating principle | inductive |
| Evaluation | digital |
| Design | Thread |

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| Technical data (typ.) | +20°C, 24 V DC |
|---|---|
| Characteristics | extremely high operating distance, < 80 bar, Full-metal casing closed, pressure-resistant |
| Design | Solid metal housing |
| Product series | INW Full metal |
| **Functional scope** | |
| Scope of delivery | Sensor, 2 x M12 nuts |
| **Output, input, interface** | |
| Switching output | pnp, 200 mA, NO |
| Voltage drop (max.) | 2 V |
| **Detection range, measuring range, tolerance limits** | |
| Switching distance (SN) | 6 mm |
| Standardized measuring plate | 18 x 18 x 1 mm |
| Switching hysteresis (max.) | 15 % (5 % typ.) |
| **Time behavior** | |
| Switching frequency | 400 Hz |
| **Ambient conditions** | |
| Ambient temperature during operation | -25 … +70 °C |
| Protection type | IP 68 |
| **Electrical connection** | |
| Connection | Cable, 5.0 m (flying leads) |

| More information / accessories | https://www.di-soric.com/200045 |
|---|---|


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