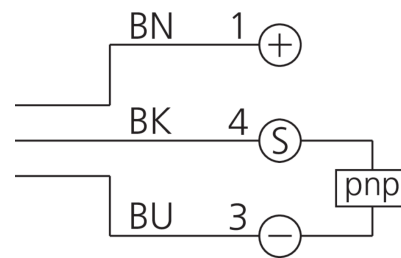
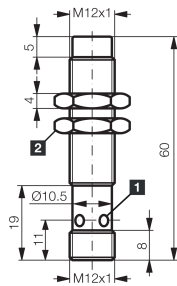




**200050**  
**D7C 12 V 10 PSK-IBSL**  
**Inductive proximity sensor**

- 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
- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED



1) LED 4 x 90° (yellow)

2) Width over flats 17 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           | < 12 mA   |
| Insulation voltage endurance         | According to IEC 60947-5-2 (7.2.3.1)  |
| Installation type                    | non-flush   |
| Thread                               | M12 x 1   |
| Housing length                       | 60 mm   |
| Housing material                     | Stainless steel   |
| Tightening torque                    | 20 Nm   |
| Protection class                     | III, operation on protective low voltage  |
| Operating principle                  | inductive   |
| Evaluation                           | digital   |
| Design                               | Thread  |
| Characteristics                      | extremely high operating distance, < 80 bar, Full-metal casing closed, pressure-resistant |
| Product series                       | INW-300 Full metal extended   |
| Switching output                     | pnp, 200 mA, NO   |
| Voltage drop (max.)                  | 2 V   |
| Switching distance (SN)              | 10 mm   |
| Standardized measuring plate         | 30 x 30 x 1 mm  |
| Switching hysteresis (max.)          | 15 % (5 % typ.)   |
| Switching frequency                  | 400 Hz  |
| Ambient temperature during operation | -25 ... +70 °C  |
| Protection type                      | IP 68   |
| Connection                           | Connector, M12, 4-pin, A-coded  |
| Connection cable                     | VK ...  |

**More information / accessories**

<https://www.di-soric.com/200050>



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