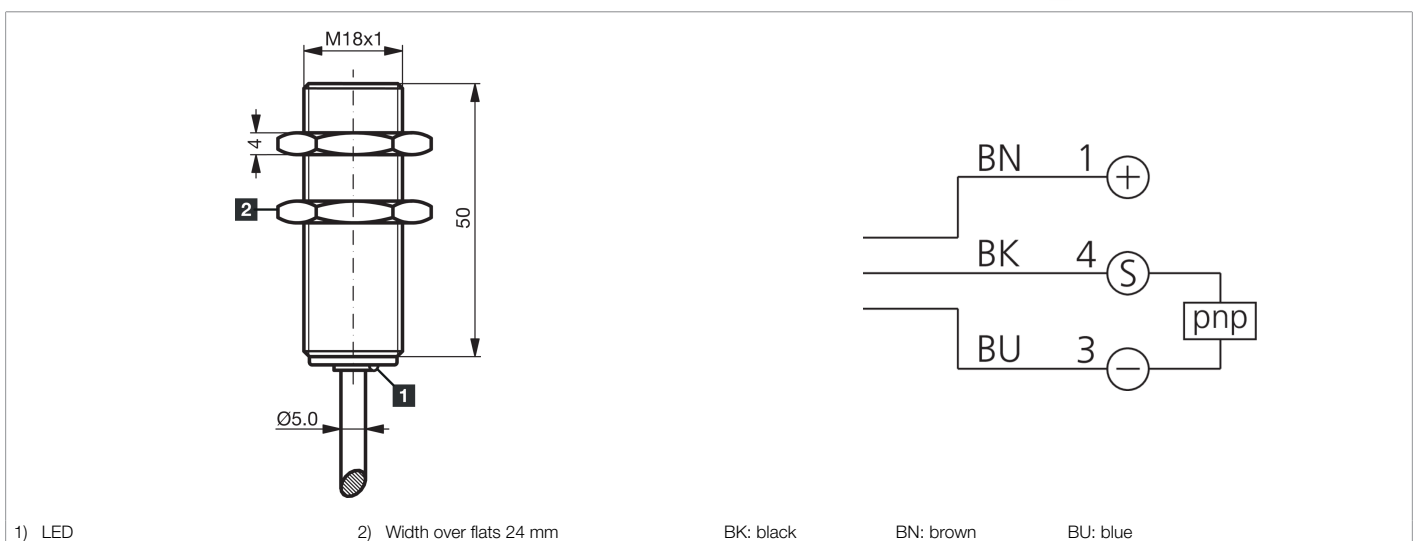




**200059**  
**D7C 18 V 10 POLK**  
**Inductive proximity sensor**

- 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



| 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            | Flush   |
| Thread                       | M18 x 1   |
| Housing length               | 51 mm   |
| Housing material             | Stainless steel   |
| Material of cable            | Polyurethane  |
| Tightening torque            | 50 Nm   |
| Protection class             | III, operation on protective low voltage                              |
| Operating principle          | inductive   |
| Evaluation                   | digital   |
| Design                       | Thread  |
| Characteristics              | extremely high operating distance, < 60 bar, Full-metal casing closed |
| Product series               | INW-300 Full metal extended   |
| Switching output             | pnp, 200 mA, NC   |
| 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.)   |



**200059**  
**D7C 18 V 10 POLK**  
**Inductive proximity sensor**

|                                       |  |
|---------------------------------------|--|
| <b>Technical data (typ.)</b>          | <b>+20°C, 24 V DC</b>  |
| Switching frequency                   | 200 Hz   |
| Ambient temperature during operation  | -25 ... +70 °C   |
| Protection type                       | IP 69K   |
| Connection                            | Cable, 2.0 m (flying leads)  |
| <b>More information / accessories</b> | <b><a href="https://www.di-soric.com/200059">https://www.di-soric.com/200059</a></b> |