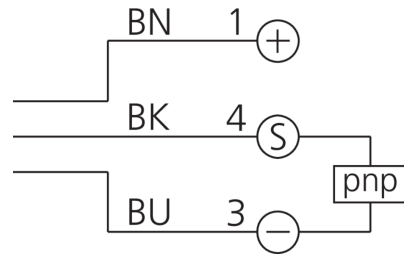
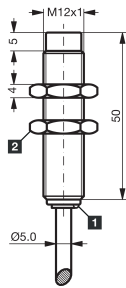




200049
D7C 12 V 10 POLK
Inductive proximity sensor

- 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



1) LED

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 | 51 mm |
| Housing material | Stainless steel |
| Material of cable | Polyurethane |
| 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, 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.) |
| Switching frequency | 400 Hz |
| Ambient temperature during operation | -25 ... +70 °C |
| Protection type | IP 69K |
| Connection | Cable, 2.0 m (flying leads) |

More information / accessories

<https://www.di-soric.com/200049>



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