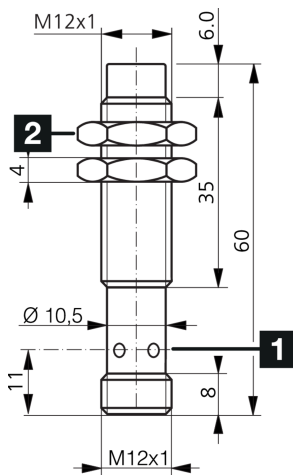




**205228**  
**DCCK 12 M 10 NSK-IBSL**  
**Inductive proximity sensor**

- 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           | < 10 mA                                  |
| Insulation voltage endurance         | According to IEC 60947-5-2 (7.2.3.1)     |
| Installation type                    | non-flush                                |
| Thread                               | M12 x 1                                  |
| Housing length                       | 45 mm                                    |
| Housing material                     | Brass (chromium-plated)                  |
| Protection class                     | III, operation on protective low voltage |
| Operating principle                  | inductive                                |
| Evaluation                           | digital                                  |
| Design                               | Thread                                   |
| Characteristics                      | extremely high operating distance        |
| Product series                       | INE Extended                             |
| Switching output                     | npn, 200 mA, NO                          |
| Voltage drop (max.)                  | 2 V (200 mA)                             |
| Switching distance (SN)              | 10 mm                                    |
| Standardized measuring plate         | 30 x 30 x 1 mm                           |
| Switching hysteresis (max.)          | < 3 ... 15 %                             |
| Switching frequency                  | 400 Hz                                   |
| Ambient temperature during operation | -25 ... +70 °C                           |



**205228**

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**Inductive proximity sensor**

**Technical data (typ.)**

**+20°C, 24 V DC**

Protection type

IP 67

Connection

Connector, M12, 4-pin, A-coded

Connection cable

VK ...

**More information / accessories**

<https://www.di-soric.com/205228>