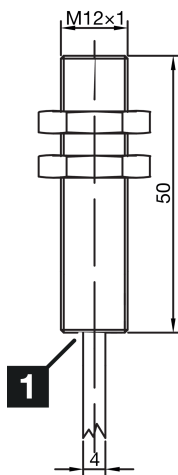
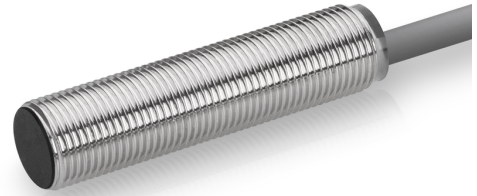




**213253**  
**INS-M12-B02PO-2C**  
**Inductive proximity sensor**

- Single switching distance
- Highly flexible cable
- Short-circuit protection
- LED switching status display
- High protection type



1) LED

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 | < 500 V DC                               |
| Installation type            | Flush                                    |
| Thread                       | M12 x 1                                  |
| Housing length               | 50 mm                                    |
| Housing material             | Brass (nickel-plated)                    |
| Material of cable            | PVC                                      |
| Protection class             | III, operation on protective low voltage |
| Operating principle          | inductive                                |
| Evaluation                   | digital                                  |
| Design                       | Thread                                   |
| Characteristics              | Single switching distance                |
| Product series               | INS-100 Standard                         |
| Switching output             | pnp, 200 mA, NC                          |
| Voltage drop (max.)          | 1.5 V DC                                 |
| Switching distance (SN)      | 2 mm                                     |
| Standardized measuring plate | 12 x 12 x 1 mm                           |
| Switching hysteresis (max.)  | < 10 %                                   |
| LED Anzeige                  | Yes                                      |



213253

INS-M12-B02PO-2C

Inductive proximity sensor

**Technical data (typ.)**

**+20°C, 24 V DC**

Switching frequency

2000 Hz

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 67

Connection

Cable, 2.0 m (flying leads)

**More information / accessories**

<https://www.di-soric.com/213253>