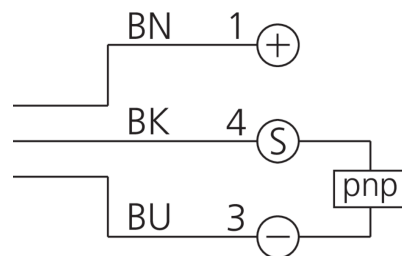
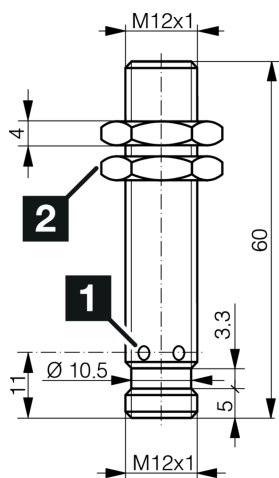
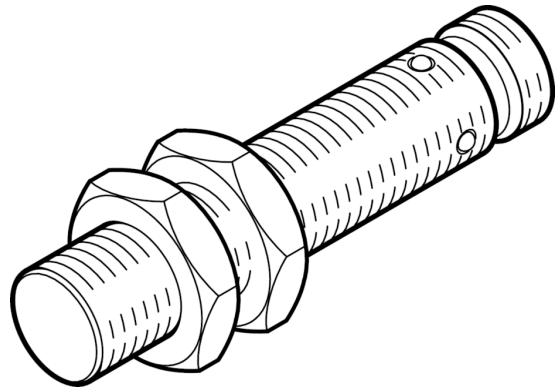




**209436**  
**DCCB 12 MB 02 PS-B3**  
**Inductive proximity sensor**



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                                |
| No-load current (max.)       | < 10 mA                                       |
| Insulation voltage endurance | According to IEC 60947-5-2 (7.2.3.1)          |
| Installation type            | Flush                                         |
| Thread                       | M12 x 1                                       |
| Housing length               | 60 mm                                         |
| Housing material             | Brass (CuZn, nickel-plated)                   |
| Protection class             | III, operation on protective low voltage      |
| Operating principle          | inductive                                     |
| Evaluation                   | digital                                       |
| Design                       | Thread                                        |
| Product series               | INS Standard                                  |
| Switching output             | pnp, 200 mA, NO                               |
| Voltage drop (max.)          | 2 V (200 mA)                                  |
| Switching distance (SN)      | 2 mm                                          |
| Standardized measuring plate | 12 x 12 x 1 mm                                |
| Switching hysteresis (max.)  | 20 % (Sr)                                     |
| Reproducibility              | 0.1 mm (UB = 20 to 30 V DC, TA = +23°C ± 5°C) |
| LED Anzeige                  | Yes                                           |
| Switching frequency          | 3000 Hz                                       |
| Shock/vibration load         | IEC 60947-5-2 / 7.4                           |

**209436****DCCB 12 MB 02 PS-B3****Inductive proximity sensor****Technical data (typ.)****+20°C, 24 V DC**

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 67

Connection

Connector, M12, 4-pin

Connection cable

VK ...

**More information / accessories**<https://www.di-soric.com/209436>