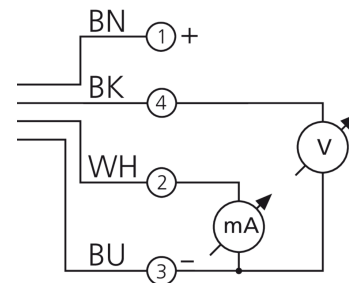
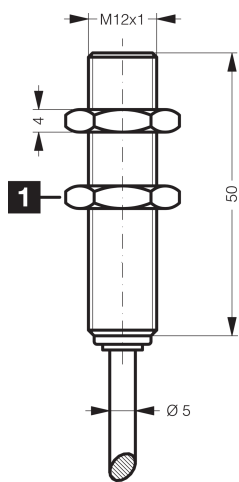




**200291**  
**DCC 12 M 06 AIK**  
**Inductive proximity sensor**

- Analog voltage output
- Analog current output
- Highly flexible cable
- Integrated amplifier
- Short-circuit protection



1) Width over flats 17 mm

BK: black

BN: brown

BU: blue

WH: white

**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                    | quasi-flush                              |
| Thread                               | M12 x 1                                  |
| Housing length                       | 50 mm                                    |
| Housing material                     | Brass (CuZn, nickel-plated)              |
| Material of cable                    | Polyurethane                             |
| Tightening torque                    | 10 Nm                                    |
| Protection class                     | III, operation on protective low voltage |
| Operating principle                  | inductive                                |
| Evaluation                           | analog                                   |
| Design                               | Thread                                   |
| Characteristics                      | extremely high operating distance        |
| Product series                       | INA Analog                               |
| Analog output                        | 0 ... 5 V, 4 ... 20 mA                   |
| Switching distance (SN)              | 0 ... 6 mm                               |
| Standardized measuring plate         | 18 x 18 x 1 mm                           |
| Switching frequency                  | 1000 Hz                                  |
| Ambient temperature during operation | -25 ... +70 °C                           |



**200291**  
**DCC 12 M 06 AIK**  
**Inductive proximity sensor**

**Technical data (typ.)**

**+20°C, 24 V DC**

Protection type

IP 67

Connection

Cable, 2.0 m (flying leads)

**More information / accessories**

<https://www.di-soric.com/200291>