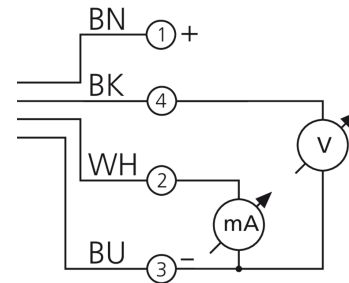
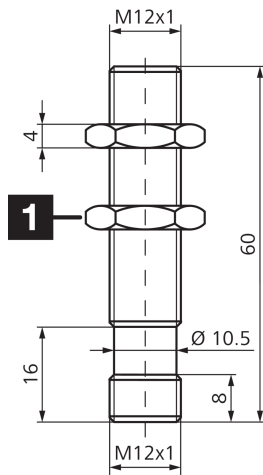




**200293**  
**DCC 12 M 06 AIK-IBS**  
**Inductive proximity sensor**

- Analog voltage output
- Analog current output
- Metal connector
- 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	60 mm
Housing material	Brass (CuZn, nickel-plated)
Tightening torque (max.)	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
Protection type	IP 67



**200293**  
**DCC 12 M 06 AIK-IBS**  
**Inductive proximity sensor**

**Technical data (typ.)**

**+20°C, 24 V DC**

Connection

Connector, M12, 4-pin, A-coded

Connection cable

VKHM ... /4

**More information / accessories**

<https://www.di-soric.com/200293>