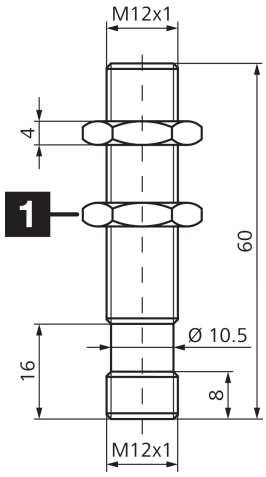
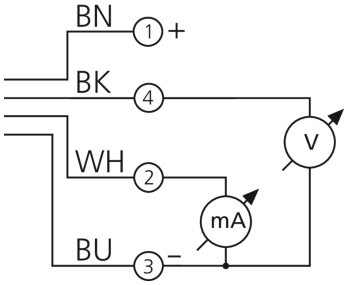
200302
DCC 12 M 06/10 AIK-IBS
Inductive proximity sensor

- 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
Electrical features	
Service voltage	10 … 30 V DC
Internal power consumption	10 mA
Insulation voltage endurance	According to IEC 60947-5-2 (7.2.3.1)
Mechanical features	
Installation type	quasi-flush
Thread	M12 x 1
Housing length	60 mm
Housing material	Brass (CuZn, nickel-plated)
Tightening torque	10 Nm
Certifications, approvals	
Protection class	III, operation on protective low voltage
Approvals	UL
General features	
Operating principle	inductive
Evaluation	analog
Design	Thread
Characteristics	extremely high operating distance

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Inductive proximity sensor

Technical data (typ.)	+20°C, 24 V DC
Product series	INA Analog
Output, input, interface	
Analog output	0 … 10 V, 4 … 20 mA
Detection range, measuring range, tolerance limits	
Switching distance (SN)	0 … 6 mm
Standardized measuring plate	18 x 18 x 1 mm
Time behavior	
Switching frequency	1000 Hz
Ambient conditions	
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 67
Electrical connection	
Connection	Connector, M12, 4-pin, A-coded
Accessories	
Connection cable	VKHM … /4

More information / accessories	https://www.di-soric.com/200302

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