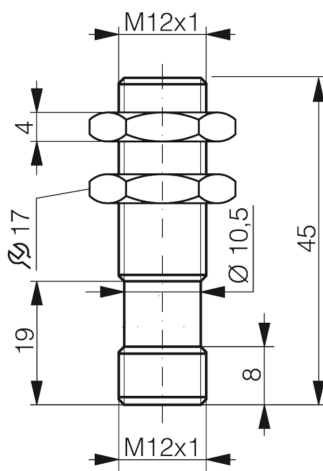




203859
DCCK 12 M 06 AIK-IBS
Inductive proximity sensor

- Analog voltage output
- Analog current output
- Metal connector
- Integrated amplifier
- Starting pulse suppression



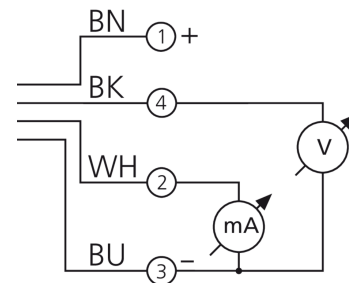
1) Width over flats 17 mm

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	45 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



203859
DCCK 12 M 06 AIK-IBS
Inductive proximity sensor

Technical data (typ.)	
Product series	INA Analog
Output, input, interface	
Analog output	0 ... 5 V, 1 ... 5 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	VK ...
More information / accessories	
https://www.di-soric.com/203859	