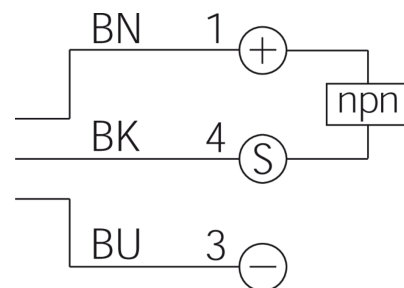
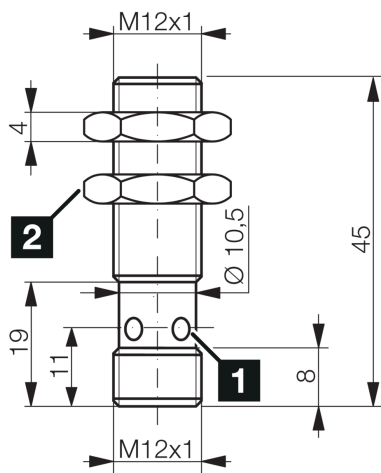




205221
DCCK 12 M 06 NSK-IBSL
Inductive proximity sensor

- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED



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

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 (chromium-plated)

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	extremely high operating distance
Product series	INE Industrial



205221
DCCK 12 M 06 NSK-IBSL
Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
Functional scope		
Scope of delivery	Sensor, 2 x M12 nuts	
Output, input, interface		
Switching output	npn, 200 mA, NO	
Voltage drop (max.)	2 V (200 mA)	
Detection range, measuring range, tolerance limits		
Switching distance (SN)	6 mm	
Standardized measuring plate	18 x 18 x 1 mm	
Switching hysteresis (max.)	< 3 ... 15 %	
Time behavior		
Switching frequency	800 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/205221