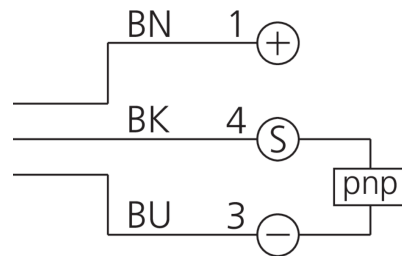
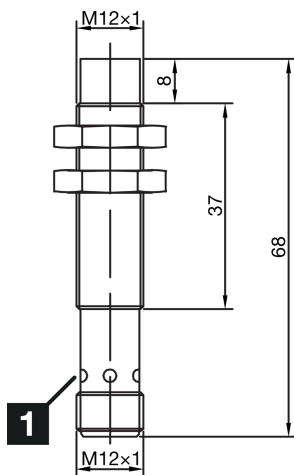




213151
INS-M12-N04PS-B3
Inductive proximity sensor

- Single switching distance
- Metal connector M12
- Short-circuit protection
- LED switching status display
- High protection type



1) LED

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	< 500 V DC

Mechanical features

Installation type	non-flush
Thread	M12 x 1
Housing length	68 mm
Housing material	Brass (nickel-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	Single switching distance
Product series	INS Standard



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Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
Functional scope		
Scope of delivery	Sensor, 2 x M12 nuts, 2 x washers	
Output, input, interface		
Switching output	pnp, 200 mA, NO	
Voltage drop (max.)	1.5 V DC	
Detection range, measuring range, tolerance limits		
Switching distance (SN)	4 mm	
Standardized measuring plate	12 x 12 x 1 mm	
Switching hysteresis (max.)	< 10 %	
Display, operation		
LED Anzeige	Yes	
Time behavior		
Switching frequency	1000 Hz	
Ambient conditions		
Ambient temperature during operation	-25 ... +70 °C	
Protection type	IP 67	
Electrical connection		
Connection	Connector, M12, 3-pin, A-coded	
More information / accessories		https://www.di-soric.com/213151