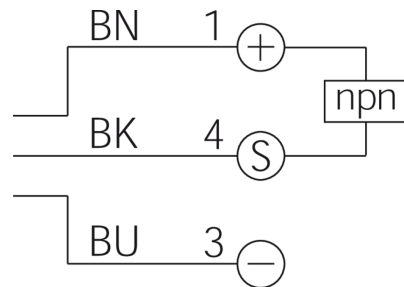
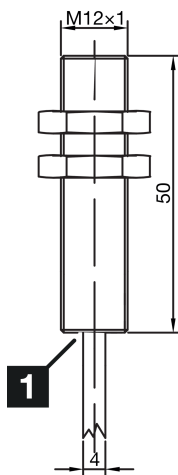


**213166**  
**INS-M12-B04NS-2C**  
**Inductive proximity sensor**

- Double switching distance
- Highly flexible cable
- 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	Flush
Thread	M12 x 1
Housing length	50 mm
Housing material	Brass (nickel-plated)
Material of cable	PVC

**Certifications, approvals**

Protection class	III, operation on protective low voltage
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**General features**

Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	Double switching distance
Product series	INS Standard



**213166**  
**INS-M12-B04NS-2C**  
**Inductive proximity sensor**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
<b>Output, input, interface</b>	
Switching output	npn, 200 mA, NO
Voltage drop (max.)	1.5 V DC
<b>Detection range, measuring range, tolerance limits</b>	
Switching distance (SN)	4 mm
Standardized measuring plate	12 x 12 x 1 mm
Switching hysteresis (max.)	< 10 %
<b>Display, operation</b>	
LED Anzeige	Yes
<b>Time behavior</b>	
Switching frequency	2000 Hz
<b>Ambient conditions</b>	
Ambient temperature during operation	-25 ... +70 °C
Protection type	IP 67
<b>Electrical connection</b>	
Connection	Cable, 2.0 m (flying leads)
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/213166">https://www.di-soric.com/213166</a></b>