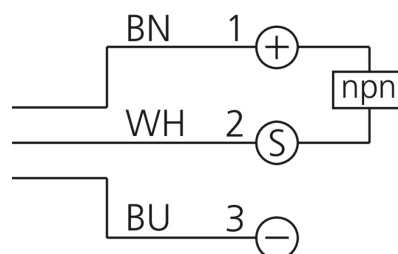
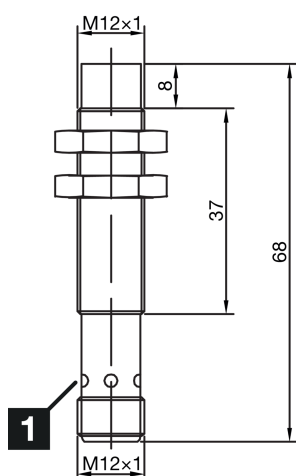


 213272
INS-M12-N04NO-B3
Inductive proximity sensor

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



1) LED

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	< 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

npn, 200 mA, NC

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/213272>