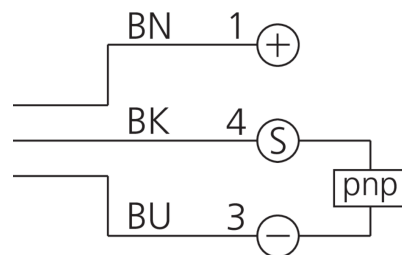
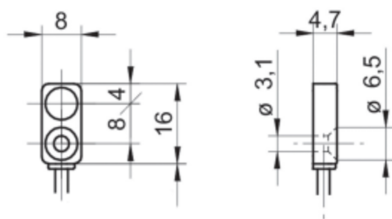
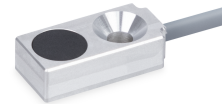




215825
INQ-R08/16M-B02PO-5C3
Inductive proximity sensor

- Ultra-compact Design
- Sensing surface on the top side
- Screw fastening



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

Mechanical features

Installation type	Flush
Housing dimensions	8 x 16 mm
Housing length	16 mm
Housing height	4.7 mm
Housing width	8 mm
Housing material	Aluminum
Material of cable	PVC
Weight	30 g

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	inductive
Evaluation	digital
Design	Cuboid design
Characteristics	Double switching distance
Product series	INQ Cubic Model

Output, input, interface

Switching output	pnp, 200 mA, NC
Voltage drop (max.)	1.5 V

**215825****INQ-R08/16M-B02PO-5C3****Inductive proximity sensor****Technical data (typ.)****+20°C, 24 V DC****Detection range, measuring range, tolerance limits**

Switching distance (SN)

2 mm

Switching hysteresis (max.)

< 15 %

Time behavior

Switching frequency

1000 Hz

Ambient conditions

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 67

Electrical connection

Connection

Cable, 5.0 m (flying leads)

More information / accessories<https://www.di-soric.com/215825>