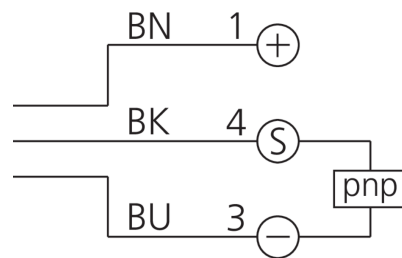
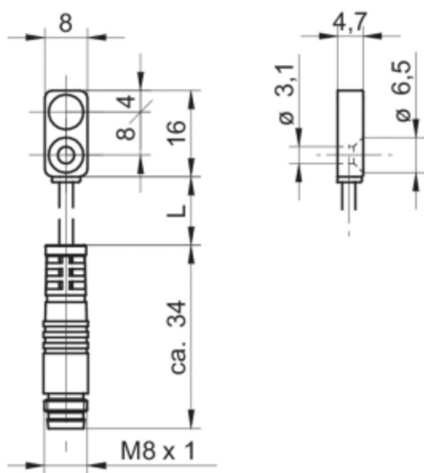
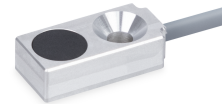




214776
INQ-R08/16M-B02PS-0.2TC
Inductive proximity sensor

- 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

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



214776
INQ-R08/16M-B02PS-0.2TC
Inductive proximity sensor

Technical data (typ.)**+20°C, 24 V DC**

Product series

INQ Cubic Model

Output, input, interface

Switching output

pnp, 200 mA, NO

Voltage drop (max.)

1.5 V

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

Pigtail, 0.2 m, M8, 3-pin, A-coded

More information / accessories<https://www.di-soric.com/214776>