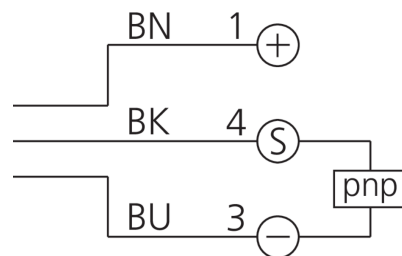
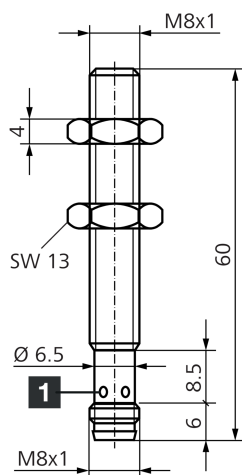




209415
D7B 08 VB 02 PS-T3
Inductive proximity sensor

- Closed, all-steel sleeve
- Same operating distance to steel and aluminum
- Housing and sensing face made of stainless steel
- Insensitive to aggressive cleaning agents, environmental influences and hot filings
- Metal connector
- Integrated amplifier
- Protection against short-circuit and reverse polarity
- LED



1) LED 4 x 90° (yellow)

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	According to IEC 60947-5-2 (7.2.3.1)

Mechanical features

Installation type	Flush
Thread	M8 x 1
Housing length	60 mm
Housing material	Stainless steel (V2A 1.4305 / AISI 303)

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL

General features

Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	pressure-resistant, < 100 bar, Full-metal casing closed
Design	Solid metal housing



209415
D7B 08 VB 02 PS-T3
Inductive proximity sensor

Technical data (typ.)

+20°C, 24 V DC

Product series

INW Full metal

Functional scope

Scope of delivery

Sensor, 2 x M8 nuts

Output, input, interface

Switching output

pnp, 200 mA, NO

Voltage drop (max.)

2 V

Detection range, measuring range, tolerance limits

Switching distance (SN)

2 mm

Standardized measuring plate

8 x 8 x 1 mm

Switching hysteresis (max.)

20 % (Sr)

Time behavior

Switching frequency

100 Hz

Ambient conditions

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 67

Electrical connection

Connection

Connector, M8, 3-pin, A-coded

Accessories

Connection cable

TK ...

More information / accessories

<https://www.di-soric.com/209415>