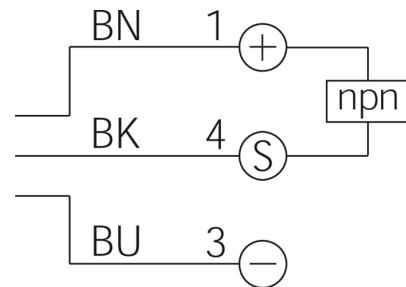
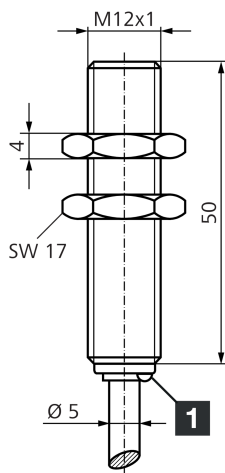
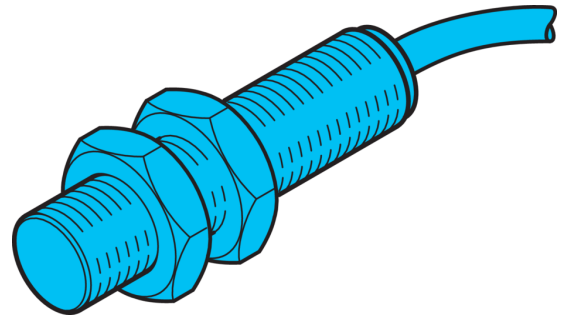




**209420**  
**D7B 12 VB 03 NS-3**  
**Inductive proximity sensor**

- 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
- Highly flexible cable
- Integrated amplifier
- Protection against short-circuit and reverse polarity
- LED



1) LED

BK: black

BN: brown

BU: blue

**Function**



**Technical data (typ.)**

**+20°C, 24 V DC**

Service voltage	10 ... 30 V DC
Internal power consumption	< 10 mA
Insulation voltage endurance	According to IEC 60947-5-2 (7.2.3.1)
Installation type	Flush
Thread	M12 x 1
Housing length	51 mm
Housing material	Stainless steel (V2A 1.4305 / AISI 303)
Material of cable	Polyurethane
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	pressure-resistant, < 80 bar, Full-metal casing closed
Product series	INW-300 Full metal extended
Switching output	npn, 200 mA, NO
Voltage drop (max.)	2 V
Switching distance (SN)	3 mm
Standardized measuring plate	12 x 12 x 1 mm
Switching hysteresis (max.)	15 %
Switching frequency	100 Hz



**209420**

**D7B 12 VB 03 NS-3**

**Inductive proximity sensor**

**Technical data (typ.)**

**+20°C, 24 V DC**

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 68 / IP 69K

Connection

Cable, 2.0 m (flying leads)

**More information / accessories**

<https://www.di-soric.com/209420>