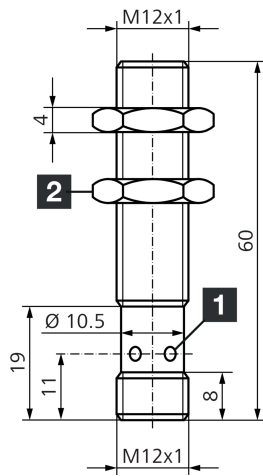
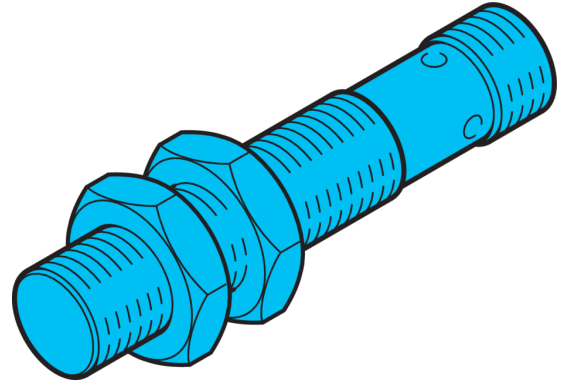




209419
D7B 12 VB 03 PS-B3
Inductive proximity sensor

- 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) 2) Width over flats 17 mm 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	60 mm
Housing material	Stainless steel (V2A 1.4305 / AISI 303)
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	pnp, 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
Ambient temperature during operation	-25 ... +70 °C



209419

D7B 12 VB 03 PS-B3

Inductive proximity sensor

Technical data (typ.)

+20°C, 24 V DC

Protection type

IP 68 / IP 69K

Connection

Connector, M12, 4-pin, A-coded

Connection cable

VK ...

More information / accessories

<https://www.di-soric.com/209419>