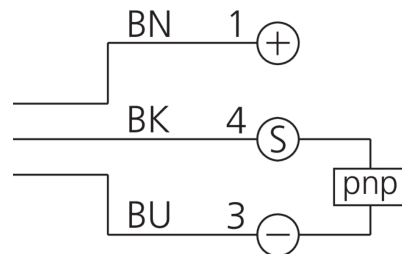
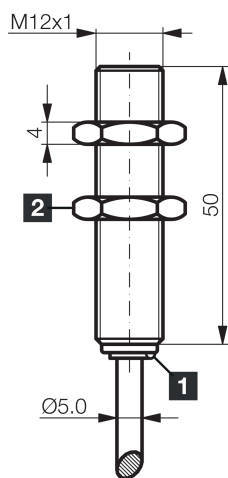




200044
D7C 12 V 06 PSLK
Inductive proximity sensor

- Closed, all-steel sleeve
- 3-times the standard operating distance
- 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
- Short-circuit protection
- Starting pulse suppression
- LED



1) LED

2) Width over flats 17 mm

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	< 12 mA
Insulation voltage endurance	According to IEC 60947-5-2 (7.2.3.1)

Mechanical features

Installation type	Flush
Thread	M12 x 1
Housing length	51 mm
Housing material	Stainless steel
Material of cable	Polyurethane
Tightening torque	20 Nm

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL

General features

Operating principle	inductive
Evaluation	digital
Design	Thread



200044
D7C 12 V 06 PSLK
Inductive proximity sensor

Technical data (typ.)

Characteristics	+20°C, 24 V DC extremely high operating distance, < 80 bar, Full-metal casing closed, pressure-resistant
Design	Solid metal housing
Product series	INW Full metal

Functional scope

Scope of delivery	Sensor, 2 x M12 nuts
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Output, input, interface

Switching output	pnp, 200 mA, NO
Voltage drop (max.)	2 V

Detection range, measuring range, tolerance limits

Switching distance (SN)	6 mm
Standardized measuring plate	18 x 18 x 1 mm
Switching hysteresis (max.)	15 % (5 % typ.)

Time behavior

Switching frequency	400 Hz
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Ambient conditions

Ambient temperature during operation	-25 ... +70 °C
Protection type	IP 69K

Electrical connection

Connection	Cable, 2.0 m (flying leads)
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More information / accessories

<https://www.di-soric.com/200044>