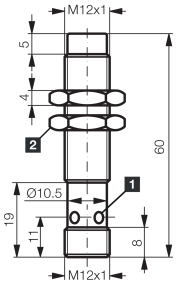
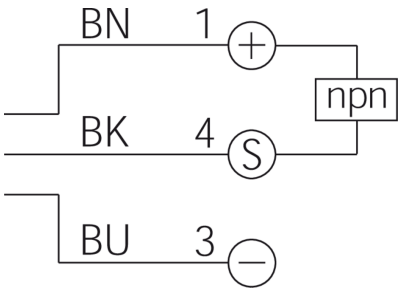
200046
D7C 12 V 10 NSK-IBSL
Inductive proximity sensor

- 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
- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- 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	< 12 mA
Insulation voltage endurance	According to IEC 60947-5-2 (7.2.3.1)
Installation type	non-flush
Thread	M12 x 1
Housing length	60 mm
Housing material	Stainless steel
Tightening torque (max.)	20 Nm
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	extremely high operating distance, < 80 bar, Full-metal casing closed, pressure-resistant
Product series	INW-300 Full metal extended
Switching output	npn, 200 mA, NO
Voltage drop (max.)	2 V
Switching distance (SN)	10 mm
Standardized measuring plate	30 x 30 x 1 mm
Switching hysteresis (max.)	15 % (5 % typ.)
Switching frequency	400 Hz
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 68
Connection	Connector, M12, 4-pin, A-coded
Connection cable	VK …

More information / accessories	https://www.di-soric.com/200046

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