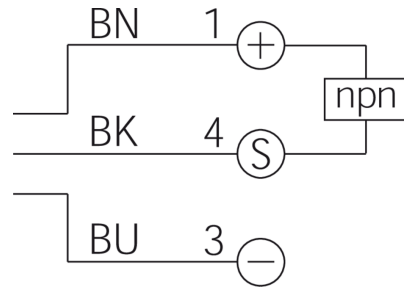
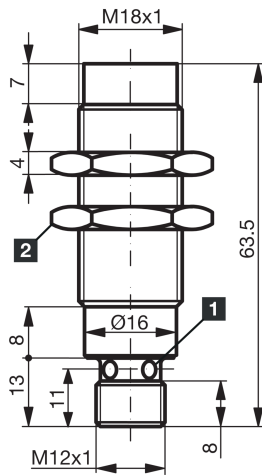




**200065**  
**D7C 18 V 20 NSK-IBSL**  
**Inductive proximity sensor**

- 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 24 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	non-flush
Thread	M18 x 1
Housing length	63.5 mm
Housing material	Stainless steel (V2A 1.4305 / AISI 303)
Tightening torque (max.)	50 Nm
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	extremely high operating distance, < 60 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)	20 mm
Standardized measuring plate	60 x 60 x 1 mm
Switching hysteresis (max.)	15 %
Switching frequency	250 Hz



**200065**  
**D7C 18 V 20 NSK-IBSL**  
**Inductive proximity sensor**

**Technical data (typ.)**

**+20°C, 24 V DC**

Ambient temperature during operation

-25 ... +85 °C

Protection type

IP 68

Connection

Connector, M12, 4-pin, A-coded

Connection cable

VK ...

**More information / accessories**

<https://www.di-soric.com/200065>