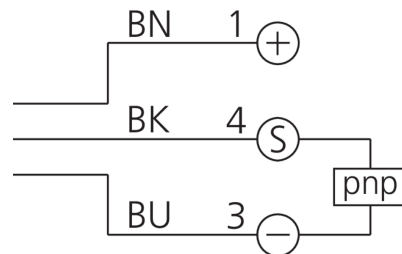
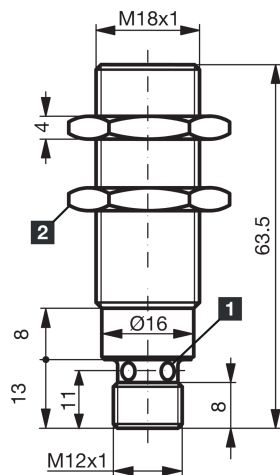




200060
D7C 18 V 10 PSK-IBSL
Inductive proximity sensor

- 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

2) Width over flats 24 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	M18 x 1
Housing length	63.5 mm
Housing material	Stainless steel
Tightening torque	50 Nm

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL

General features

Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	extremely high operating distance, < 60 bar, Full-metal casing closed



200060
D7C 18 V 10 PSK-IBSL
Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
Design	Solid metal housing	
Product series	INW Full metal	
Functional scope		
Scope of delivery	Sensor, 2 x M18 nuts	
Output, input, interface		
Switching output	pnp, 200 mA, NO	
Voltage drop (max.)	2 V	
Detection range, measuring range, tolerance limits		
Switching distance (SN)	10 mm	
Standardized measuring plate	30 x 30 x 1 mm	
Switching hysteresis (max.)	15 % (5 % typ.)	
Time behavior		
Switching frequency	200 Hz	
Ambient conditions		
Ambient temperature during operation	-25 ... +70 °C	
Protection type	IP 68	
Electrical connection		
Connection	Connector, M12, 4-pin, A-coded	
Accessories		
Connection cable	VK ...	
More information / accessories		https://www.di-soric.com/200060