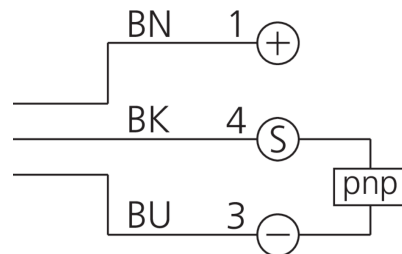
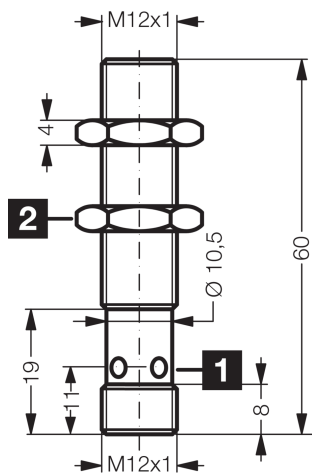




203376
DCC 12 VL 06 PSK-IBSL
Inductive proximity sensor

- For the food industry
- For saltwater applications
- Large operating distance to steel and aluminum
- Closed, all-steel sleeve
- Protection class IP 68 and IP 69K
- 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

Electrical features

Service voltage	10 ... 30 V DC
No-load current (max.)	< 10 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	60 mm
Housing material	Stainless steel (1.4435 / AISI 316L)
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
Characteristics	extremely high operating distance, < 80 bar, Full-metal casing closed



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DCC 12 VL 06 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 M12 nuts
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 %
Time behavior		
Switching frequency		600 Hz
Ambient conditions		
Ambient temperature during operation		-25 ... +85 °C
Protection type		IP 68 / IP 69K
Electrical connection		
Connection		Connector, M12, 3-pin, A-coded
Accessories		
Connection cable		VK ...
More information / accessories		https://www.di-soric.com/203376