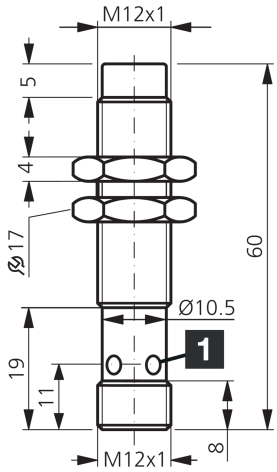
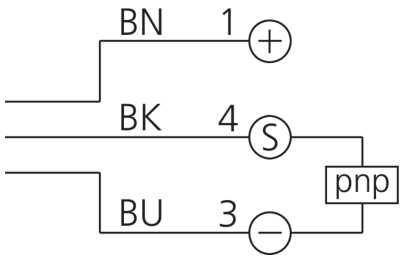
203380
DCC 12 VL 10 PSK-IBSL
Inductive proximity sensor

- 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)

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	non-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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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)	10 mm
Standardized measuring plate	30 x 30 x 1 mm
Switching hysteresis (max.)	15 %
Time behavior	
Switching frequency	400 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/203380**

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