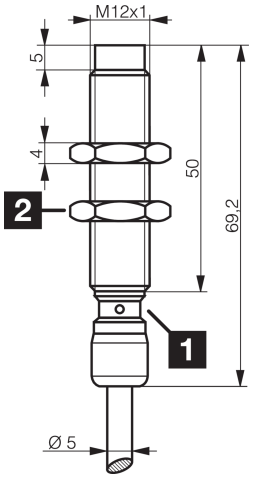
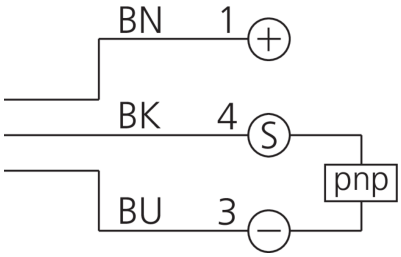
203381
DCC 12 VL 10 PSLK
Inductive proximity sensor

- 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
- Connection cable made of TPE-S
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED





1) LED 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	non-flush
Thread	M12 x 1
Housing length	69.2 mm
Housing material	Stainless steel (1.4435 / AISI 316L)
Material of cable	TPE-S
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

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Technical data (typ.)	+20°C, 24 V DC
Characteristics	extremely high operating distance, < 80 bar, Full-metal casing closed
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	Cable, 2.0 m (flying leads)

More information / accessories	https://www.di-soric.com/203381

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