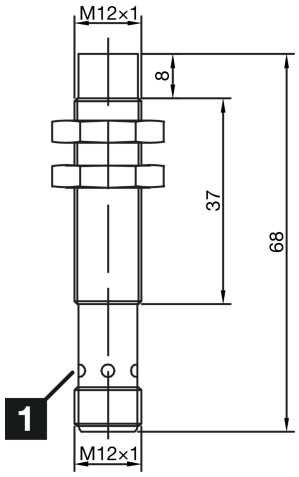
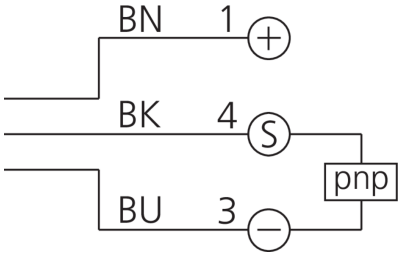
213183
INS-M12-N08PS-B3
Inductive proximity sensor

- Double switching distance
- Metal connector M12
- Short-circuit protection
- LED switching status display
- High protection type





1) LED

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	10 mA
Insulation voltage endurance	< 500 V DC
Mechanical features	
Installation type	non-flush
Thread	M12 x 1
Housing length	68 mm
Housing material	Brass (nickel-plated)
Certifications, approvals	
Protection class	III, operation on protective low voltage
General features	
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	Double switching distance
Product series	INS Standard

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Technical data (typ.)	+20°C, 24 V DC
Functional scope	
Scope of delivery	Sensor, 2 x M12 nuts, 2 x washers
Output, input, interface	
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	1.5 V DC
Detection range, measuring range, tolerance limits	
Switching distance (SN)	8 mm
Standardized measuring plate	24 x 24 x 1 mm
Switching hysteresis (max.)	< 10 %
Display, operation	
LED Anzeige	Yes
Time behavior	
Switching frequency	1000 Hz
Ambient conditions	
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 67
Electrical connection	
Connection	Connector, M12, 3-pin, A-coded

More information / accessories	https://www.di-soric.com/213183

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