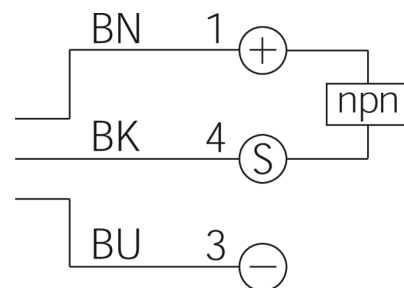
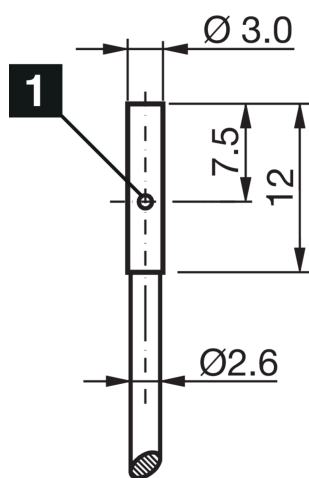



214827
INM-D03/12V-B01NS-2R3
Inductive proximity sensor



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	According to IEC 60947-5-2 (7.2.3.1)

Mechanical features

Installation type	Flush
Diameter	Ø 3.0 mm (Diameter)
Housing length	12 mm
Housing material	Stainless steel (V4A)
Material of cable	Polyurethane
Weight	18 g

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	inductive
Evaluation	digital
Design	Cylinder
Design	Miniature design



214827
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Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
Product series		INM Miniature
Output, input, interface		
Switching output		npn, 100 mA, NO
Voltage drop (max.)		2 V (100 mA)
Detection range, measuring range, tolerance limits		
Standardized measuring plate		3 x 3 x 1 mm
Switching hysteresis (max.)		< 10 %
Time behavior		
Switching frequency		8000 Hz
Ambient conditions		
Ambient temperature during operation		-25 ... +70 °C
Protection type		IP 67
Electrical connection		
Connection		Cable, 2.0 m
More information / accessories		https://www.di-soric.com/214827