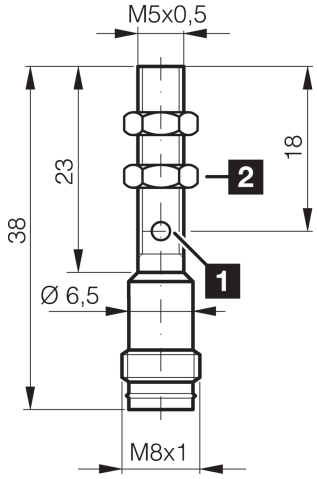
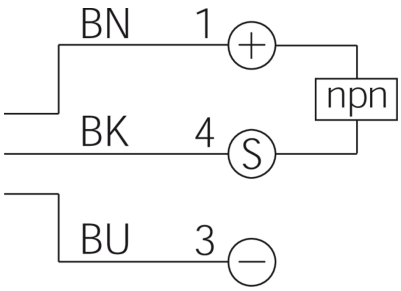
204294
DCC 05 V 2.5 NSK-TSL
Inductive proximity sensor

- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- LED





1) LED 2) Width over flats 7 mm 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
Thread	M5 x 0.5
Housing length	38 mm
Housing material	Nickel-silver (chromium-plated)
Tightening torque	1.5 Nm
Certifications, approvals	
Protection class	III, operation on protective low voltage
General features	
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	extremely high operating distance
Design	Miniature design

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Technical data (typ.)	+20°C, 24 V DC
Product series	INM Miniature
Functional scope	
Scope of delivery	Sensor, 2 x M5 nuts, 2 x washers
Output, input, interface	
Switching output	npn, 200 mA, NO
Voltage drop (max.)	2 V (200 mA)
Detection range, measuring range, tolerance limits	
Switching distance (SN)	2.5 mm
Standardized measuring plate	7.5 x 7.5 x 1 mm
Switching hysteresis (max.)	3 … 15 %
Time behavior	
Switching frequency	800 Hz
Ambient conditions	
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 67
Electrical connection	
Connection	Connector, M8, 3-pin, A-coded
Accessories	
Connection cable	TK …

More information / accessories	https://www.di-soric.com/204294

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