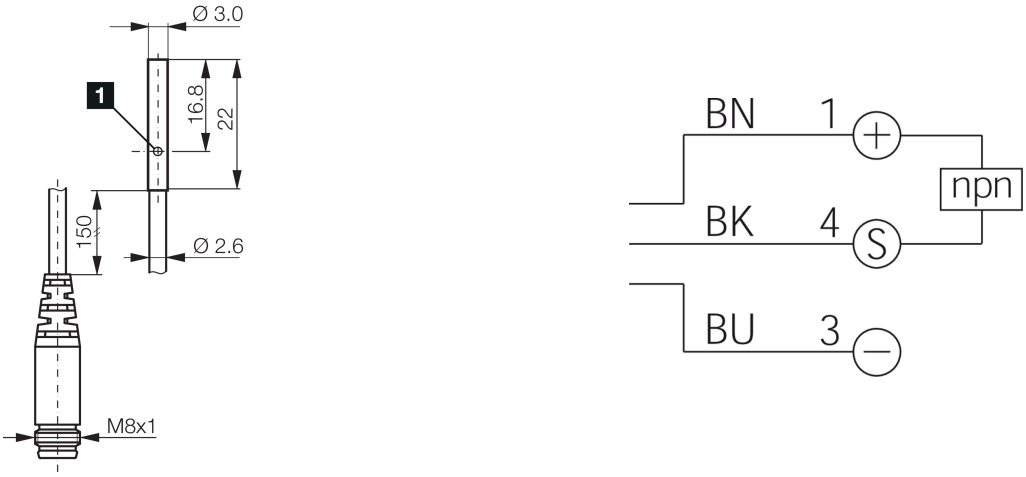
200349
DCC 3.0 V 0.6 NSK-K-TSL
Inductive proximity sensor

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



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	22 mm
Housing material	Stainless steel (V4A)
Certifications, approvals	
Protection class	III, operation on protective low voltage
Approvals	UL
General features	
Operating principle	inductive
Evaluation	digital
Design	Cylinder
Design	Miniature design
Product series	INM Miniature

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Technical data (typ.)	+20°C, 24 V DC
Output, input, interface	
Switching output	npn, 100 mA, NO
Voltage drop (max.)	2 V (100 mA)
Detection range, measuring range, tolerance limits	
Switching distance (SN)	0.6 mm
Standardized measuring plate	3 x 3 x 1 mm
Switching hysteresis (max.)	< 10 %
Time behavior	
Switching frequency	3000 Hz
Ambient conditions	
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 67
Electrical connection	
Connection	Pigtail, 0.15 m, M8, 3-pin, A-coded
Accessories	
Connection cable	TK …

More information / accessories	https://www.di-soric.com/200349

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