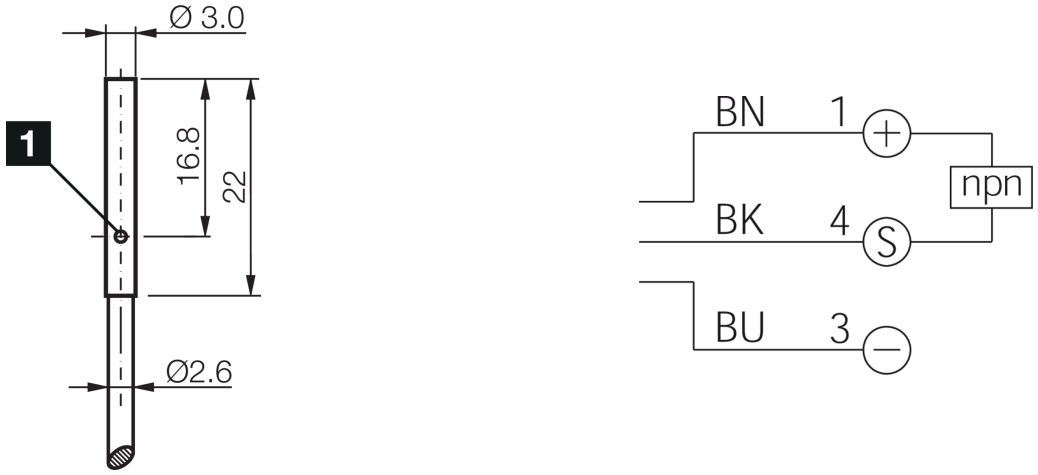
200350
DCC 3.0 V 0.6 NSLK
Inductive proximity sensor

- Highly flexible cable
- 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
Inverse polarity protection	Yes
Short-circuit protection	Yes
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)
Material of cable	Polyurethane
Certifications, approvals	
Protection class	III, operation on protective low voltage
Approvals	UL

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Technical data (typ.)	+20°C, 24 V DC
General features	
Operating principle	inductive
Evaluation	digital
Design	Cylinder
Design	Miniature design
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	
Switching distance (SN)	0.6 mm
Standardized measuring plate	3 x 3 x 1 mm
Switching hysteresis (max.)	< 10 %
Time behavior	
Switching frequency	5000 Hz
Ambient conditions	
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 67
Electrical connection	
Connection	Cable, 2.0 m (flying leads)

More information / accessories	https://www.di-soric.com/200350

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