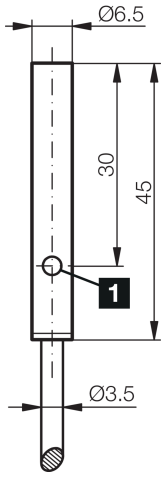
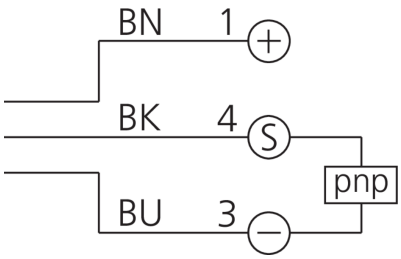
200412
DCC 6.5 M 03 POLK
Inductive proximity sensor

- 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
Insulation voltage endurance	According to IEC 60947-5-2 (7.2.3.1)
Mechanical features	
Installation type	quasi-flush
Diameter	Ø 6.5 mm (Diameter)
Housing length	45 mm
Housing material	Brass (chromium-plated)
Material of cable	PVC
Certifications, approvals	
Protection class	III, operation on protective low voltage
Approvals	UL
General features	
Operating principle	inductive
Evaluation	digital
Design	Cylinder
Characteristics	extremely high operating distance

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Technical data (typ.)	+20°C, 24 V DC
Product series	INE Industrial
Functional scope	
Scope of delivery	Sensor
Output, input, interface	
Switching output	pnp, 200 mA, NC
Voltage drop (max.)	2 V (200 mA)
Detection range, measuring range, tolerance limits	
Switching distance (SN)	3 mm
Standardized measuring plate	9 x 9 x 1 mm
Switching hysteresis (max.)	3 … 15 %
Time behavior	
Switching frequency	1000 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/200412

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