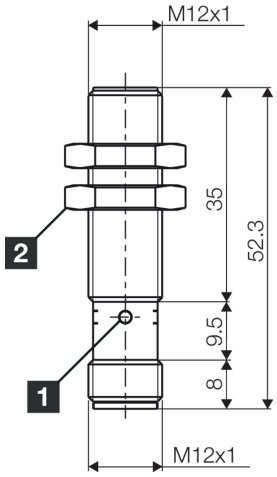
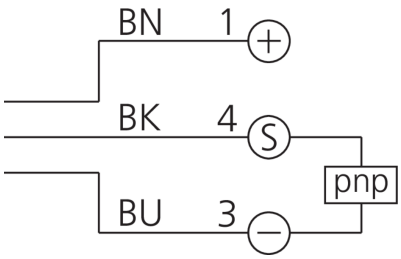
209778
DCBK 12 MB 02 PO-B3
Inductive proximity sensor

- Short design
- Metal connector
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression
- 4 LEDs for switching status display





1) LED 4 x 90° (yellow) 2) Width over flats 17 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	500 V
Mechanical features	
Installation type	Flush
Thread	M12 x 1
Housing length	52.3 mm
Housing material	Brass (nickel-plated)
Material of sensor probe	PBT
Certifications, approvals	
Protection class	III, operation on protective low voltage
General features	
Operating principle	inductive
Evaluation	digital
Design	Thread
Product series	INS Standard

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Technical data (typ.)	+20°C, 24 V DC
Functional scope	
Scope of delivery	Sensor, 2 x M12 nuts
Output, input, interface	
Switching output	pnp, 200 mA, NC
Voltage drop (max.)	1.8 V (200 mA)
Detection range, measuring range, tolerance limits	
Switching distance (SN)	2 mm
Standardized measuring plate	12 x 12 x 1 mm
Switching hysteresis (max.)	1 … 20 %
Display, operation	
LED Anzeige	Yes
Time behavior	
Switching frequency	2000 Hz
MTTFd	1304 Years
MTBF	652 Years
Ambient conditions	
Ambient temperature during operation	-25 … +70 °C
Protection type	IP 67
Electrical connection	
Connection	Connector, M12, A-coded
Accessories	
Connection cable	VK …

More information / accessories	https://www.di-soric.com/209778

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