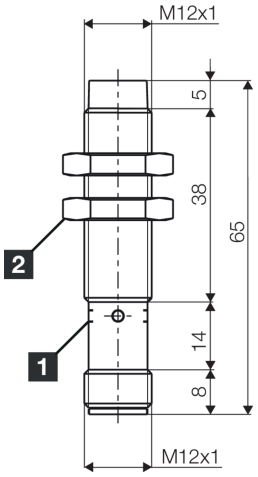
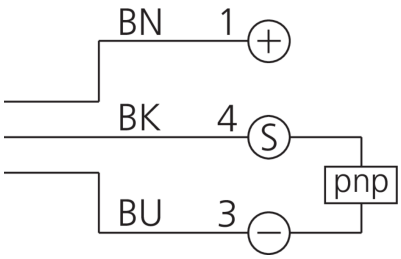
209337
DCB 12 MN 08 PS-B3
Inductive proximity sensor

- 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	non-flush
Thread	M12 x 1
Housing length	64.8 mm
Housing material	Brass (nickel-plated)
Material	PBT (Sensor probe)
Certifications, approvals	
Protection class	III, operation on protective low voltage
General features	
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	increased operating distance
Product series	INE Industrial

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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, NO
Voltage drop (max.)	1.8 V (200 mA)
Detection range, measuring range, tolerance limits	
Switching distance (SN)	8 mm
Standardized measuring plate	24 x 24 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, 3-pin, A-coded
Accessories	
Connection cable	VK …

More information / accessories	https://www.di-soric.com/209337

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