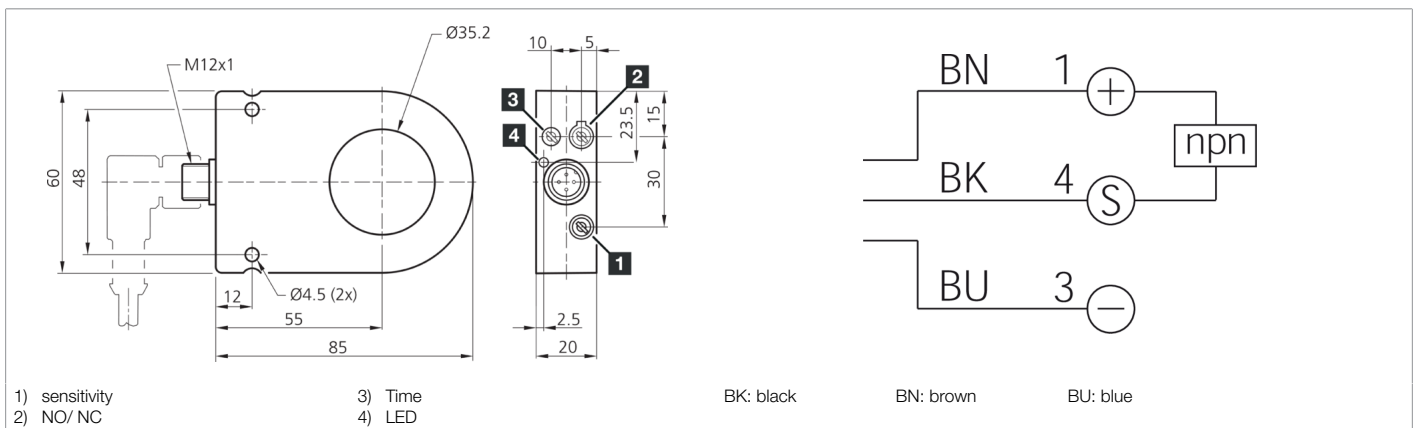




204527
IRD 35 NSOK-IBS
Inductive ring sensor

- High resolution
- Short response time
- Sensitivity and pulse stretching adjustable
- Resistant to dirt
- Dynamic operating principle
- Metal connector
- High protection type



Function									

Technical data (typ.)		+20°C, 24 V DC	
Service voltage		10 ... 35 V DC (Supply Class 2)	
No-load current (max.)		20 mA	
Insulation voltage endurance		1000 V	
Internal diameter		35.2 mm	
Assembly distance to metal (min.)		10 mm	
Housing material		Plastic (PA)	
Material		POM (Ring)	
Protection class		III, operation on protective low voltage	
Approvals		UL	
Operating principle		inductive	
Evaluation		Dynamic	
Switching output		npn, 200 mA, NO/NC, switchable	
Voltage drop (max.)		2 V	
Pulse stretching		0.1 ... 150 ms adjustable	
Resolution		Ø 2.0 mm	
Sensitivity adjustment		Potentiometer	
Speed of parts (max.)		35 m/s	
Speed of parts (min.)		0.1 m/s	
Response time		0.20 ms	
Release time		0.20 ms	
Ambient temperature during operation		-25 ... +70 °C	
Protection type		IP 67	
Connection		Connector, M12, 4-pin, A-coded	
Connection cable		VK ...	



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[More information / accessories](#)

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