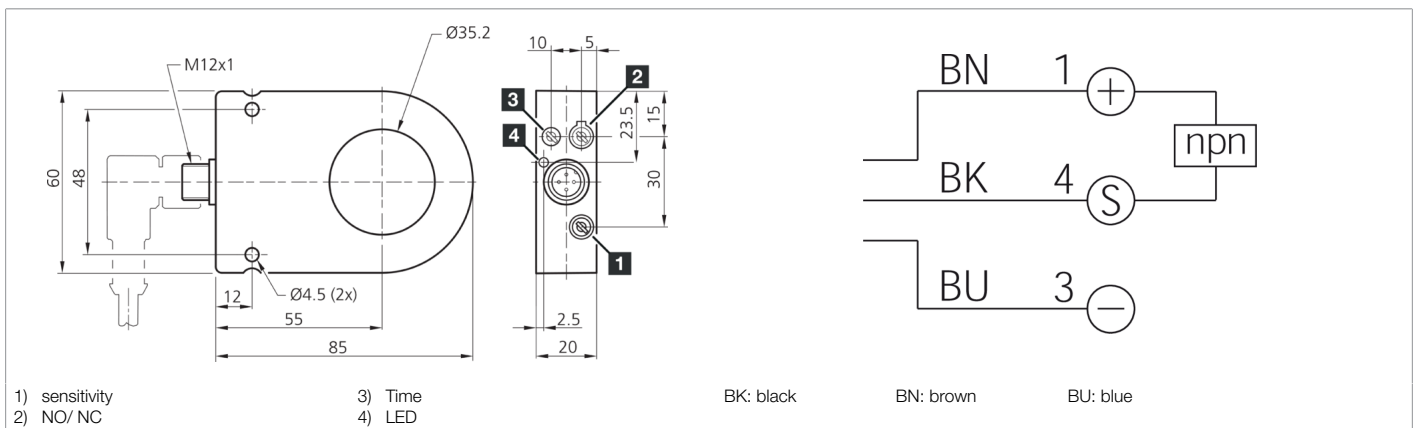




204520
IR 35 NSOK-IBS
Inductive ring sensor

- High resolution
- Short response time
- Sensitivity and pulse stretching adjustable
- Resistant to dirt
- Static 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.)		11 mA
Insulation voltage endurance		1000 V
Internal diameter		35.2 mm
Assembly distance to metal (min.)		30 mm
Housing material		Plastic (PA)
Material		POM (Ring)
Protection class		III, operation on protective low voltage
Approvals		UL
Operating principle		inductive
Evaluation		Static
Switching output		npn, 200 mA, NO/NC, switchable
Voltage drop (max.)		2 V
Pulse stretching		10 ... 150 ms adjustable
Resolution		Ø 4.5 mm
Sensitivity adjustment		Potentiometer
Speed of parts (max.)		35 m/s
Response time		0.50 ms
Release time		10 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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