

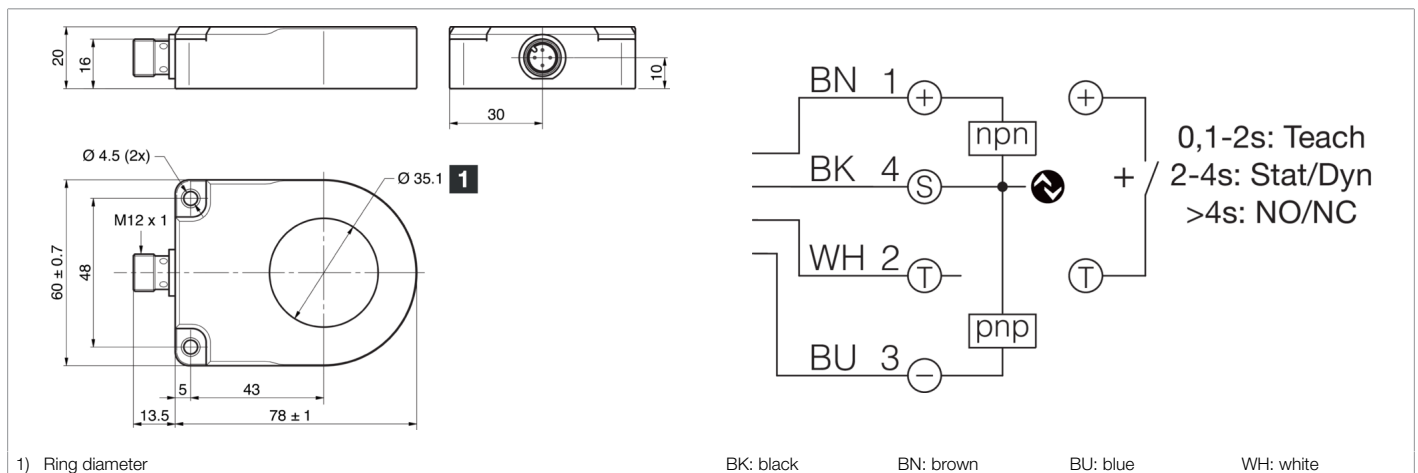
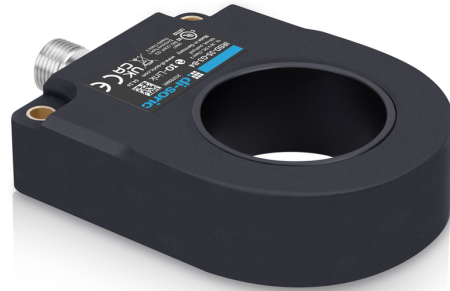


213672

IRSD-35-G3-B4

Inductive ring sensor

- High resolution
- Short response time
- Sensitivity and pulse stretching adjustable
- Resistant to dirt
- Switchable between static and dynamic operating principle
- Metal connector
- High protection type
- Frequency switchable for reducing the installation distance
- Intelligent teach-in process
- Remote Teach



Function											

Technical data (typ.)		+20°C, 24 V DC
Service voltage		10 ... 30 V DC
No-load current (max.)		30 mA
Insulation voltage endurance		1000 V
Internal diameter		35.1 mm
Housing material		Plastic (PA)
Material		POM (Ring)
Protection class		III, operation on protective low voltage
Operating principle		Dynamic/static switchable (IO-Link / PIN 2)
Switching output		Push-pull/PNP/NPN, 100 mA, NO/NC, switchable
Voltage drop (max.)		2 V
Interface		IO-Link
Pulse stretching		adjustable
Resolution		Ø 2.0 mm (dynamic), Ø 4.5 mm (static)
Sensitivity adjustment		IO-Link
Speed of parts (max.)		35 m/s
Speed of parts (min.)		0.1 m/s (dynamic)
Readiness delay (max.)		300 ms
Shock/vibration load		30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation		-25 ... +70 °C
Permissible relative humidity		< 95% (+25°C) / < 90% (+40°C), non-condensing (increased humidity affects the sensor nominal resolution)
Protection type		IP 67



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Connection

Connector, M12, 4-pin, A-coded

Connection cable

VK ...

More information / accessories

<https://www.di-soric.com/213672>