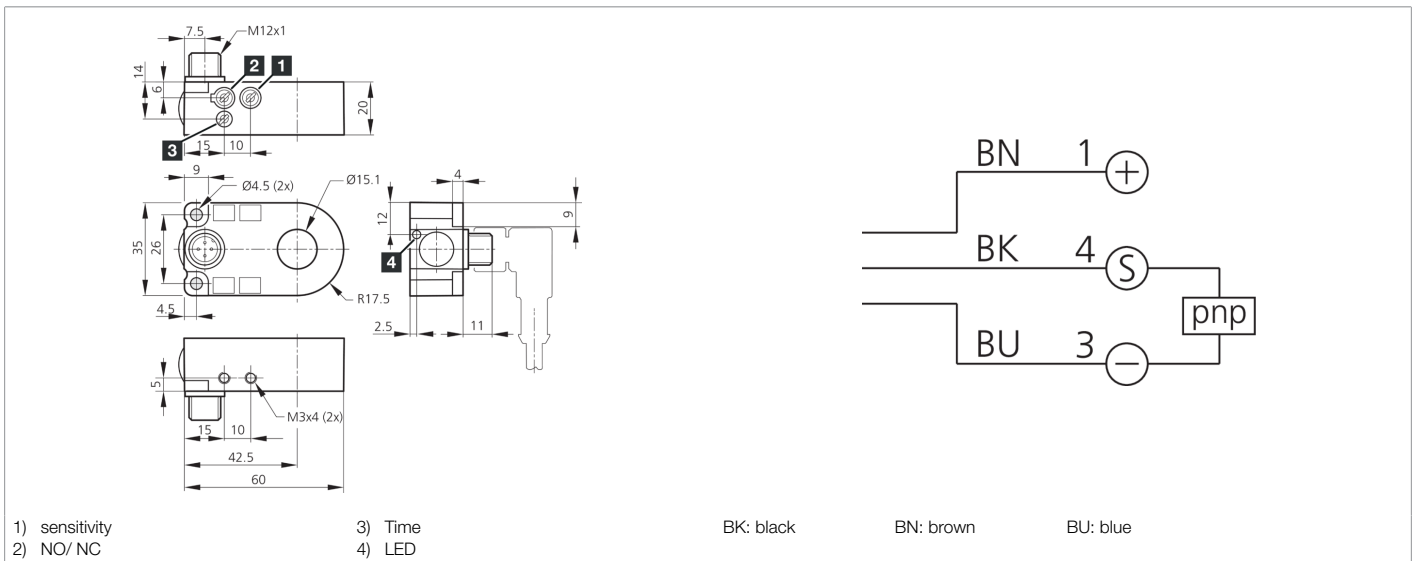


**203565**  
**IRD 15 PSOK-RIBS**  
**Inductive ring sensor**

- Radial plug connection
- 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.)	11 mA
Insulation voltage endurance	1000 V
Internal diameter	15.1 mm
Assembly distance to metal (min.)	5 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	pnp, 200 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Pulse stretching	0.1 ... 150 ms adjustable
Resolution	Ø 0.8 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



203565

IRD 15 PSOK-RIBS

Inductive ring sensor

**Technical data (typ.)**

**+20°C, 24 V DC**

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 67

Connection

Connector, M12, 4-pin, A-coded

Connection cable

VK ...

**More information / accessories**

<https://www.di-soric.com/203565>