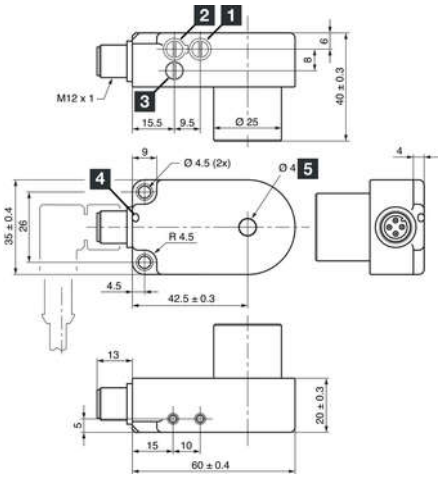
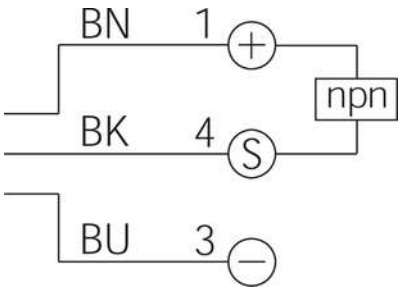
204976
IRDBD 4 NSOK-IBS
Inductive wire break sensor

- Compact design
- Wear-resistant ceramic insert
- High resolution
- Short response time
- Pulse stretching adjustable
- Dynamic operating principle
- Resistant to dirt
- Metal connector
- High protection type







1) sensitivity
2) NO/ NC
3) Time
4) LED
5) Ring POM with ceramic insert

BK: black BN: brown BU: blue

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	4.0 mm
Assembly distance to metal (min.)	2 mm
Housing material	Plastic
Material	■ POM (Ring) ■ Ceramic (Socket)
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 0.1 mm (Copper wire)
Sensitivity adjustment	Potentiometer
Speed of parts (max.)	35 m/s
Response time	0.20 ms

204976
IRDBD 4 NSOK-IBS
Inductive wire break sensor

Technical data (typ.)	+20°C, 24 V DC
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 …

More information / accessories	https://www.di-soric.com/204976

© di-soric . Right to change reserved