

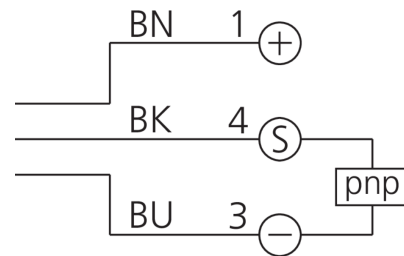
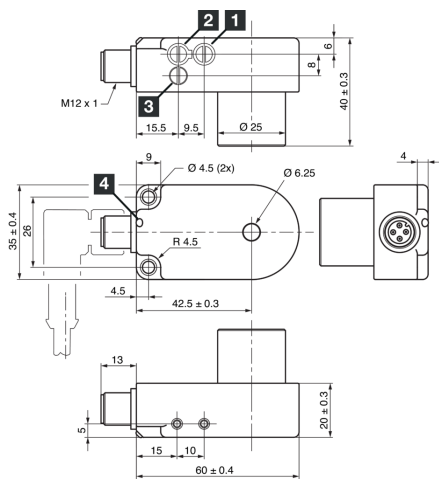


203408

IRDBD 6 PSOK-IBS

Inductive wire break sensor

- Compact design
- 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

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 35 V DC (Supply Class 2)
No-load current (max.)	20 mA
Insulation voltage endurance	1000 V

Mechanical features

Internal diameter	6.1 mm
Assembly distance to metal (min.)	2 mm
Housing material	Plastic (PA)
Material	POM (Ring)

Certifications, approvals

Protection class	III, operation on protective low voltage
Approvals	UL

General features

Operating principle	inductive
Evaluation	Dynamic



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Technical data (typ.)		+20°C, 24 V DC
Output, input, interface		
Switching output	pnp, 200 mA, NO/NC, switchable	
Voltage drop (max.)	2 V	
Pulse stretching	0.1 ... 150 ms adjustable	
Detection range, measuring range, tolerance limits		
Resolution	Ø 0.1 mm (Copper wire)	
Display, operation		
Sensitivity adjustment	Potentiometer	
Time behavior		
Speed of parts (max.)	35 m/s	
Response time	0.20 ms	
Release time	0.20 ms	
Ambient conditions		
Ambient temperature during operation	-25 ... +70 °C	
Protection type	IP 67	
Electrical connection		
Connection	Connector, M12, 4-pin, A-coded	
Accessories		
Connection cable	VK ...	
More information / accessories		https://www.di-soric.com/203408