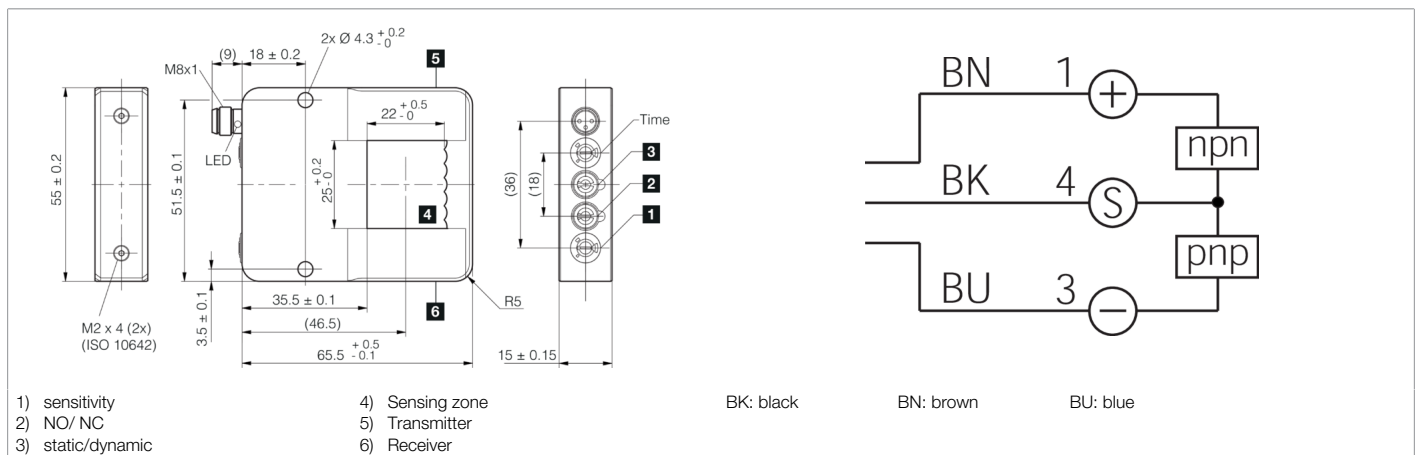




213347 OGWSD-25G3-T3 Frame light barrier

- IO-Link
- Frame structure
- Robust metal housing
- Baffle protection at the optics
- Cross bar, removable
- High resolution
- Short response time
- Potentiometer for adjustment
- Operating principle: dynamic or static
- 4 operating modes as an IO-Link parameter



Function									
									
									

Technical data (typ.)		+20°C, 24 V DC
Electrical features		
Service voltage	18 ... 30 V DC	
No-load current (max.)	40 mA	
Inverse polarity protection	Yes	
Short-circuit protection	Yes	
Mechanical features		
Housing length	65.5 mm	
Housing height	15 mm	
Housing width	55 mm	
Housing material	Aluminum (Black, Anodized)	
Material	Plastic (Window)	
Weight	86 g	
Certifications, approvals		
Protection class	III, operation on protective low voltage	
Approvals	UL	
General features		
Operating principle	Optical	
Evaluation	Switching, Dynamic/static switchable	
Functional scope		
Operating modes	Static, Dynamic, Shadowing	



213347 OGWSD-25G3-T3 Frame light barrier

Technical data (typ.)

+20°C, 24 V DC

Output, input, interface

Switching output	Push-pull, 100 mA, NO/NC, switchable
Voltage drop (max.)	2 V
Interface	■ IO-Link V1.1.3, COM2 (Smart Sensor Profile) ■ 2nd Edition V1.1 SSP 4.1.1
Pulse stretching	0 ... 150 ms adjustable

Optical data

Light source	LED
Color	Infrared

Detection range, measuring range, tolerance limits

Detection range	25 x 22 mm
Resolution	Ø 1.0 mm (static), Ø 0.7 mm (dynamic)

Display, operation

Sensitivity adjustment	Potentiometer
Display	LED yellow - Switching output

Time behavior

Response time	0.05 ms
Release time	0.05 ... 10000 ms

Ambient conditions

Ambient temperature during operation	-10 ... +60 °C
Protection type	IP 67

Electrical connection

Connection	Connector, M8, 3-pin
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Accessories

Connection cable	TK ...
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More information / accessories

<https://www.di-soric.com/213347>