

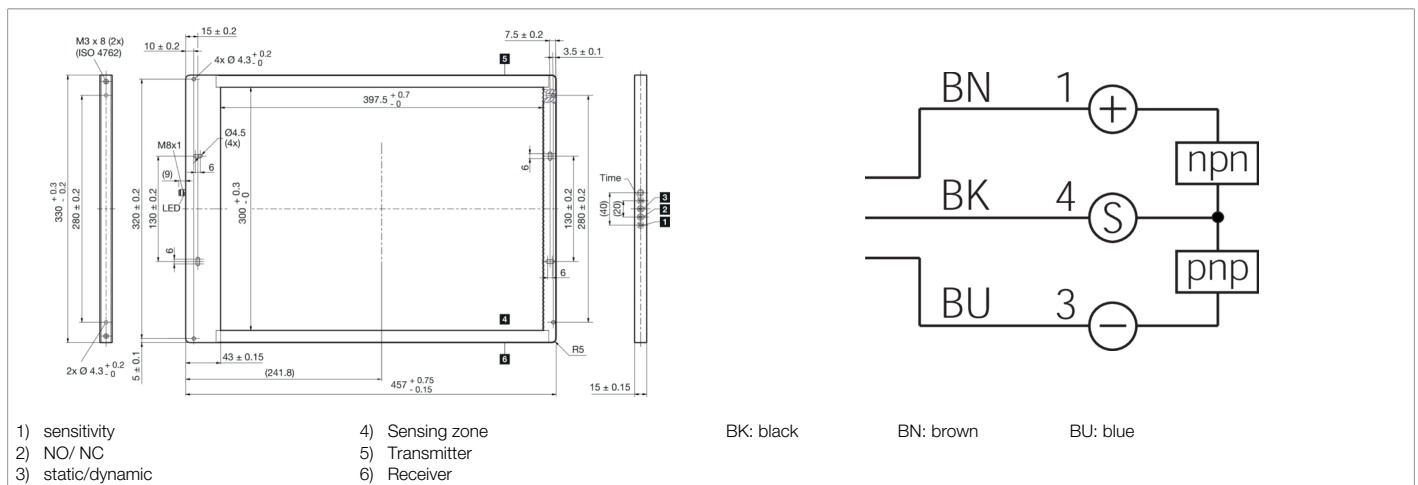


213352

OGWSD-300G3-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
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Electrical features	
Service voltage	18 ... 30 V DC
No-load current (max.)	45 mA
Inverse polarity protection	Yes
Short-circuit protection	Yes
Mechanical features	
Housing dimensions	457 x 330 x 15 mm
Housing length	457 mm
Housing height	15 mm
Housing width	330 mm
Housing material	Aluminum (Black, Anodized)
Material	Plastic (Window)
Weight	932 g
Certifications, approvals	
Protection class	III, operation on protective low voltage
Approvals	UL
General features	
Operating principle	Optical
Evaluation	Switching, Dynamic/static switchable



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OGWSD-300G3-T3

Frame light barrier

Technical data (typ.)

+20°C, 24 V DC

Functional scope

Operating modes Static, Dynamic, Shadowing

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 300 x 397.5 mm

Resolution Ø 10.0 mm (static), Ø 5.0 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

Accessories

Connection cable TK ...

More information / accessories

<https://www.di-soric.com/213352>