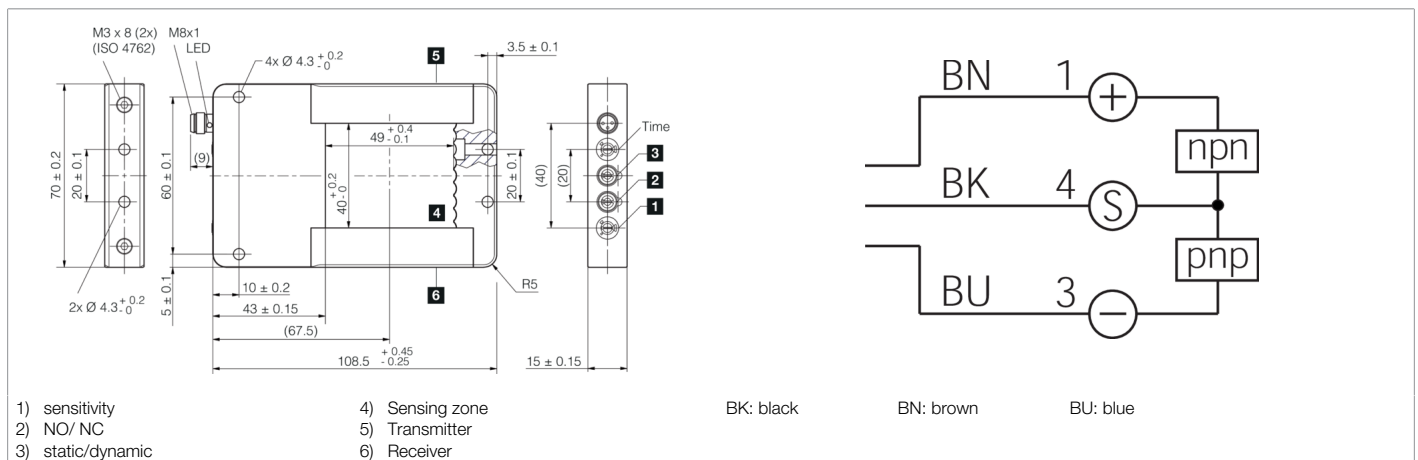




213348 **OGWSD-40G3-T3** **Frame light barrier**

- 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						108.5 mm									
Housing height						15 mm									
Housing width						70 mm									
Housing material						Aluminum (Black, Anodized)									
Material						Plastic (Window)									
Weight						158 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									



213348 OGWSD-40G3-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	40 x 49 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/213348>