


210622
OGU 010 G3-T3
Fork light barrier

- 4 operating modes as an IO-Link parameter
- Switch-on/off delay as an IO-Link parameter
- Diagnostics with IO-Link
- Metal casing
- Sensitivity is adjustable
- High switching frequency
- Light/dark switching
- Bright ring LED
- High protection type
- 5-year warranty



Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	30 mA
Insulation voltage endurance	500 V
Leg length internal	16,8 mm
Housing dimensions	25 x 45 x 10 mm
Housing material	Die-cast zinc (Black, powder-coated)
Protection class	III, operation on protective low voltage
Operating principle	Optical
Evaluation	digital
Design	Fork
Operation modes	Standard, High resolution, Power, Speed
Switching output	Push-pull, 100 mA, NO/NC, switchable
Interface	IO-Link (V1.1, COM2 38.4 kBd, Smart Sensor Profile)
Light source	LED
Color	Infrared
Modulation	Clocked
Fork opening	10 mm
Resolution	Ø 0,2 mm, Ø 0,1 mm, Ø 1,0 mm (min. 0.1 mm)
Reproducibility	0,02 mm, 0,02 mm, 0,02 mm, 0,02 mm
Sensitivity adjustment	Potentiometer or IO-Link
Switching frequency	10.000 Hz / 5.000 Hz / 250 Hz / 14.000 Hz
Ambient temperature during operation	-25 ... +60 °C
Protection type	IP 67
Connection	Connector, M8, 3-pin
Connection cable	TK ...



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[More information / accessories](#)

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