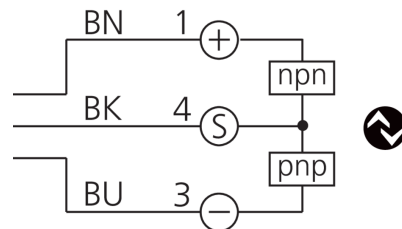
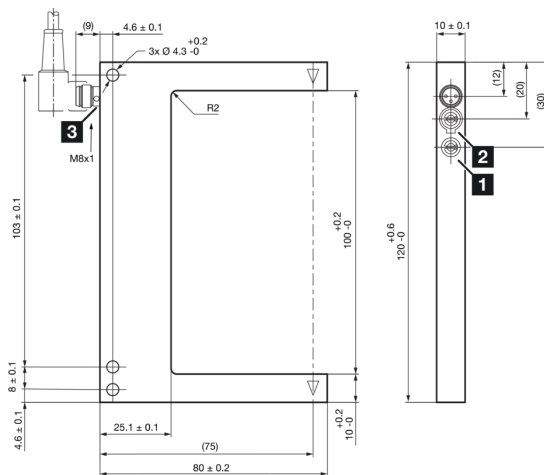




210626
OGU 101 G3-T3
Fork light barrier

- 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



- 1) Potentiometer
- 2) NO/ NC

3) LED

BK: black

BN: brown

BU: blue

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	55 mm
Housing dimensions	120 x 80 x 10 mm
Housing length	80 mm
Housing height	120 mm
Housing width	10 mm
Housing material	Die-cast zinc (Black, powder-coated)
Protection class	III, operation on protective low voltage
Approvals	UL
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	Red



210626
OGU 101 G3-T3
Fork light barrier

Technical data (typ.)		+20°C, 24 V DC
Modulation		Clocked
Fork opening		100 mm
Resolution (factory setting)		0.3 mm (STANDARD)
Reproducibility (factory setting)		0.02 mm (STANDARD)
Resolution (STANDARD)		0.3 mm
Reproducibility (STANDARD)		0.02 mm
Resolution (HIGH RESOLUTION)		0.2 mm
Reproducibility (HIGH RESOLUTION)		0.02 mm
Resolution (POWER)		1 mm
Reproducibility (POWER)		0.02 mm
Resolution (SPEED)		0.3 mm
Reproducibility (SPEED)		0.02 mm
Sensitivity adjustment		Potentiometer or IO-Link
Switching frequency (factory setting)		5000 Hz (STANDARD)
Switching frequency (STANDARD)		5000 Hz
Switching frequency (HIGH RESOLUTION)		1500 Hz
Switching frequency (POWER)		250 Hz
Switching frequency (SPEED)		8000 Hz
Ambient temperature during operation		-25 ... +60 °C
Protection type		IP 67
Connection		Connector, M8, 3-pin
Connection cable		TK ...
More information / accessories		https://www.di-soric.com/210626