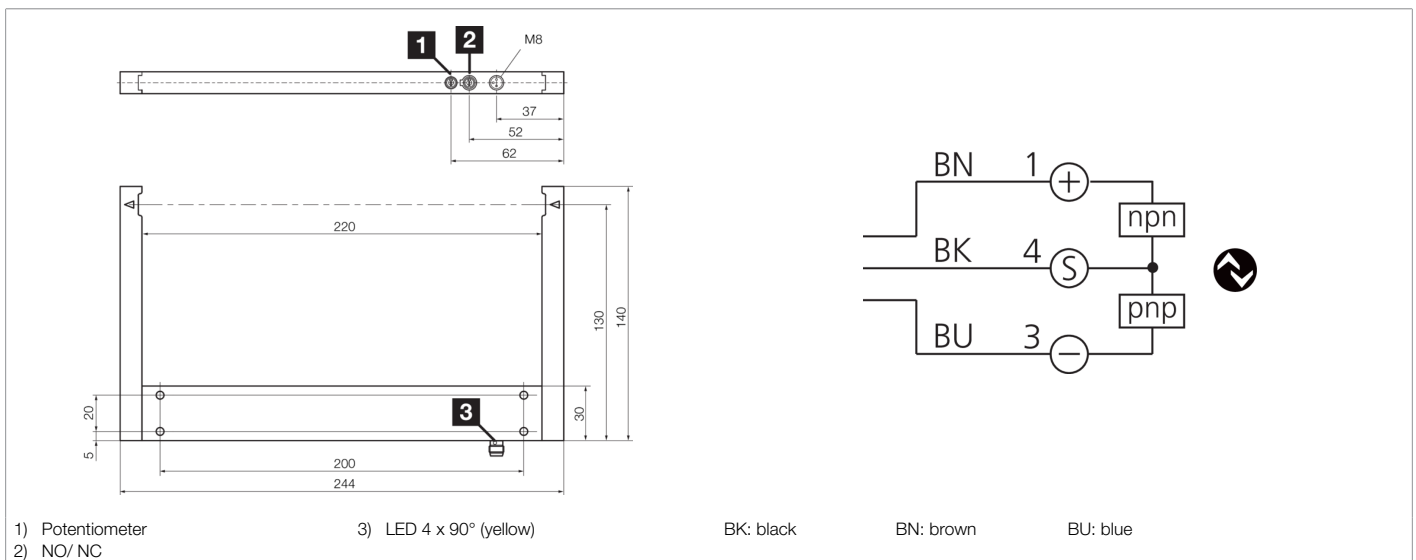




210625
OGU 221 G3-T3
Fork light barrier

- 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



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	110 mm
Housing dimensions	244 x 140 x 12 mm
Housing length	140 mm
Housing height	244 mm
Housing width	12 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



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Technical data (typ.)		+20°C, 24 V DC
Modulation		Clocked
Fork opening		220 mm
Resolution (factory setting)		1 mm (STANDARD)
Reproducibility (factory setting)		0.03 mm (STANDARD)
Resolution (STANDARD)		1 mm
Reproducibility (STANDARD)		0.03 mm
Resolution (HIGH RESOLUTION)		0.8 mm
Reproducibility (HIGH RESOLUTION)		0.03 mm
Resolution (POWER)		1.5 mm
Reproducibility (POWER)		0.03 mm
Resolution (SPEED)		1 mm
Reproducibility (SPEED)		0.03 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)		6500 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/210625