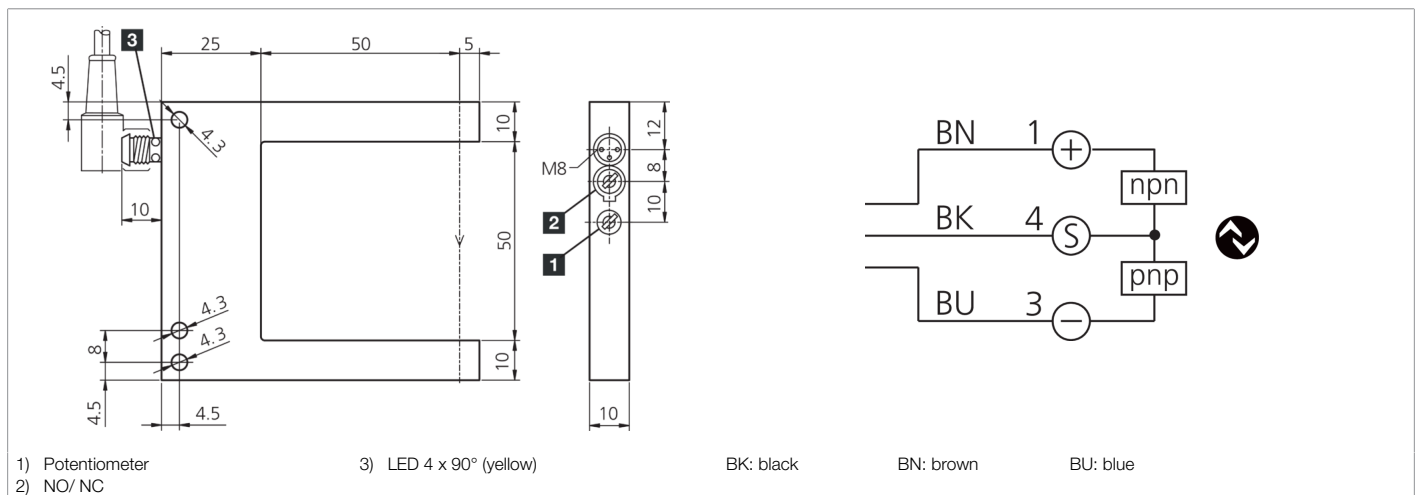




210248 OGU 050 G3-T3 Fork light barrier

- 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						55 mm						
Housing dimensions						70 x 80 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						50 mm						
Resolution						Ø 0,3 mm, Ø 0,2 mm, Ø 1,0 mm, Ø 0,3 mm (min. 0.2 mm)						
Reproducibility						0,02 mm, 0,02 mm, 0,02 mm, 0,02 mm						
Sensitivity adjustment						Potentiometer or IO-Link						
Switching frequency						5.000 Hz / 1.500 Hz / 250 Hz / 8.000 Hz						



210248
OGU 050 G3-T3
Fork light barrier

Technical data (typ.)**+20°C, 24 V DC**

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/210248>