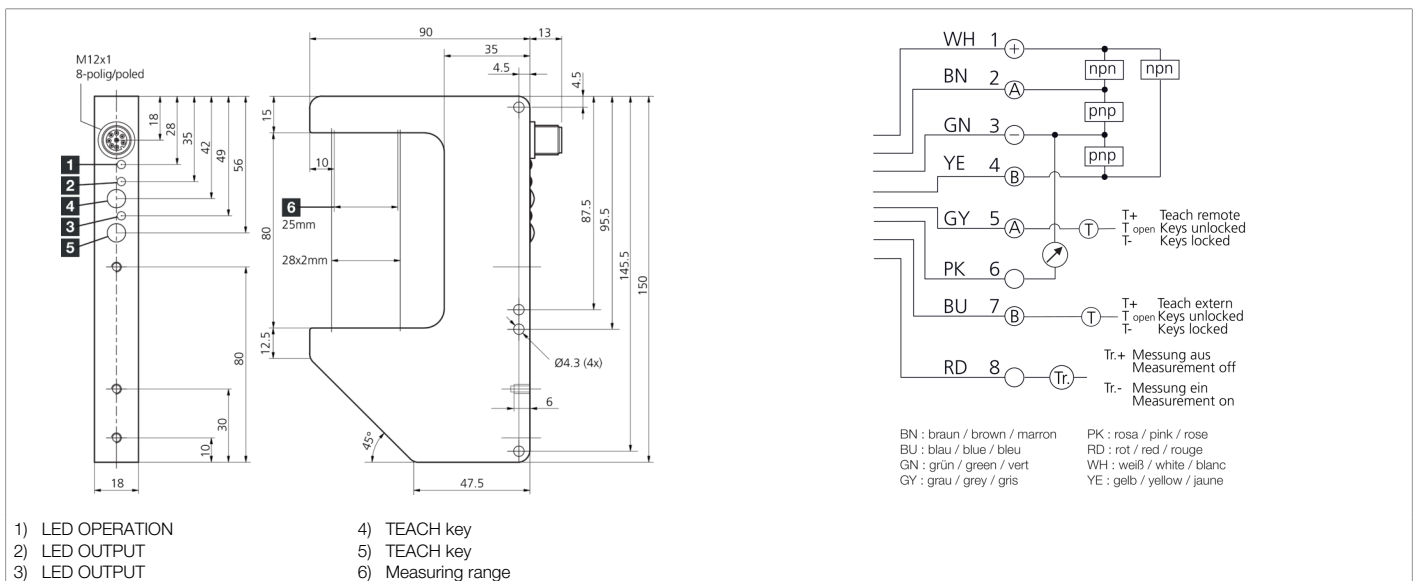




**207338**  
**LLGT 081 M 25 IUG8-B8**  
**Line laser fork light barrier**

- Current/voltage output switchable
- Teach-in for measuring area and switching outputs
- Remote teach option with key-lock function
- Switching outputs with window mode
- Large measuring area
- Robust metal housing



Function											

Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 ... 30 V DC
No-load current (max.)	70 mA (24 V DC)
Insulation voltage endurance	500 V
Leg length internal	55 mm
Housing dimensions	150 x 90 x 18 mm
Housing material	Aluminum (Black, Anodized)
Material	Float glass (Protection optics)
Protection class	III, operation on protective low voltage
Operating principle	Optical
Evaluation	digital, analog
Design	Fork
Switching output	Push-pull (2x), 150 mA, NO/NC, switchable
Voltage drop (max.)	2,0 V
Analog output	0 ... 10 V, 4 ... 20 mA
Permissible impedance	> 1 kΩ, < 0.5 kΩ
Light source	Laser
Laser class	1 (IEC 60825-1)
Color	red
Wavelength	650 nm



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**Line laser fork light barrier**

Technical data (typ.)	+20°C, 24 V DC
Modulation	Clocked
Ambient light immunity	5 kLx
Fork opening	80 mm
Resolution	Ø 0,02 mm
Resolution analog output	0,02 mm
Smallest detectable object	Ø 0,5 mm (Switching output)
Measuring range	25 mm
Switching hysteresis (max.)	0,1 mm
Linearity error	± 0,3 %
Sensitivity adjustment	Teach button, Remote teach
Display	LED Green - Operation, yellow - Switching outputs
Measuring frequency	200 Hz
Ambient temperature during operation	+5 ... +45 °C
Protection type	IP 67
Connection	Connector, M12, 8-pin
Connection cable	VK ... /8
More information / accessories	<a href="https://www.di-soric.com/207338">https://www.di-soric.com/207338</a>