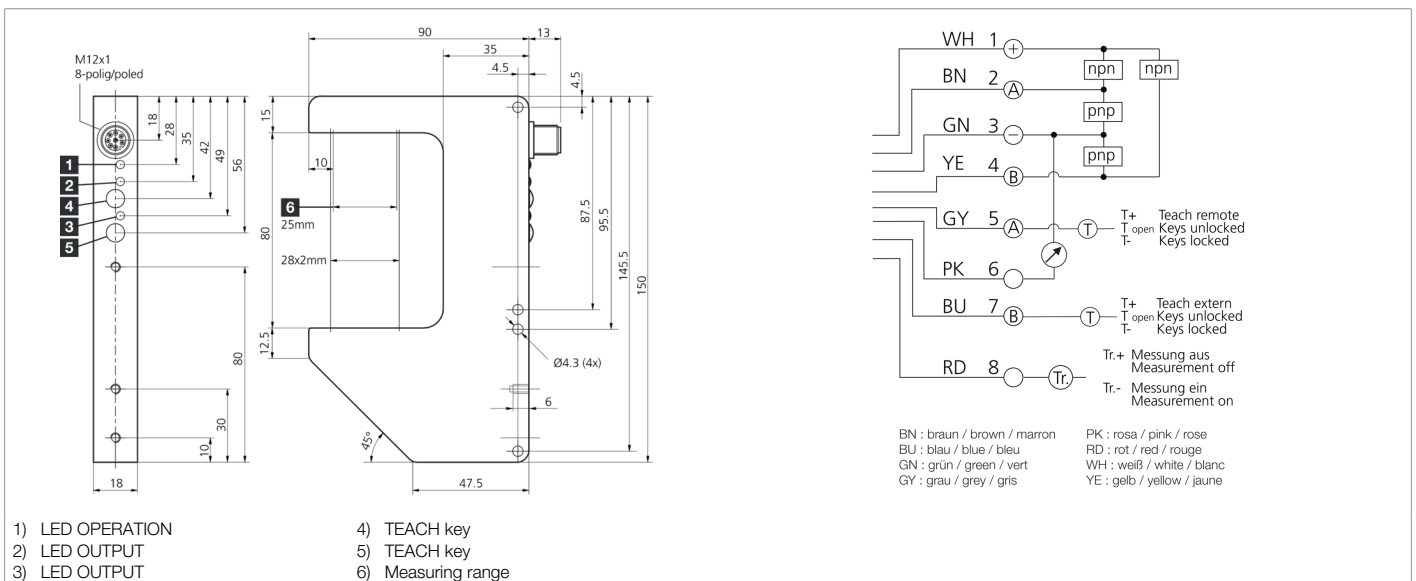




207338
LLGT 081 M 25 IUG8-B8
Line laser fork light barrier

- 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

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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 length	90 mm
Housing height	150 mm
Housing width	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 V
Analog output	0 ... 10 V, 4 ... 20 mA
Permissible impedance	> 1 kΩ, < 0,5 kΩ
Light source	Laser



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Technical data (typ.)	+20°C, 24 V DC
Laser class	1 (IEC 60825-1:2014 / EN 60825-1:2014)
Color	Red
Wavelength	650 nm
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	https://www.di-soric.com/207338