

FLEXPOINT® 532 nm Green Laser Module

NEW



FEATURES

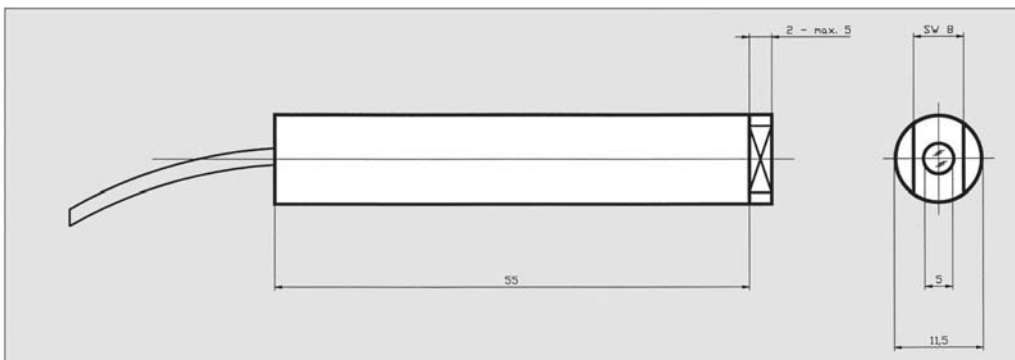
- Small housing
- 10 times more visible to the eye than red lasers with same power
- Wide operating voltage range
- Many options / customized solutions

OPTIONS

- Modulation
- Power adjustment via control wire or potentiometer
- Several operating voltages

BEAM PROFILE

- circular
- line
- cross hair



SPECIFICATIONS

Wavelength	532 nm
Output power, max.	4 mW (optional 10 mW)
Output power stability	< 5 % after warm-up at 25 °C
Beam divergence	< = 1 mrad (0.5 mrad as option)
Output beam diameter	< = 1,5 mm
Beam angle error	≤ 1 °
Operating mode	cw or pulsed (approx. 100 kHz)
Mode	TEM ₀₀
Life time typ.	5000 hrs (at ≤ 4 mW)
Input voltage	4.5 – 30 VDC (optional 3.3 VDC*) reverse voltage protection
Operating current	< 300 mA
Modulation frequency (as option)	Max. 3 kHz
Connection	Cable: brown +ve, white earth, green modulation
Operating temperature	15 – 30 °C
Storage temperature	-10 to +60 °C
Mechanical	length = 57 mm, Ø 11.5 mm (l ≥ 67 mm for line lasers)
Housing material	anodised aluminium, supply voltage not connected to housing

Improved safety through control loop for laser class 2 and 3R.

To ensure the maximum lifetime of the laser module, please use a heat sink, which is available as option (housing temperature ≤ 30 °C).

* 3.3 VDC supply voltage is recommended for cw operating mode and higher output powers (4 – 10 mW). DC/DC converters for 4.5 – 30 VDC are available.

FLEXPOINT® laser diode modules are designed for use in OEM products. Depending on their usage their original classification may be altered (labels are attached). It is the responsibility of the OEM to ensure compliance with relevant safety standards and proper labelling.

All specifications subject to change without notice.