

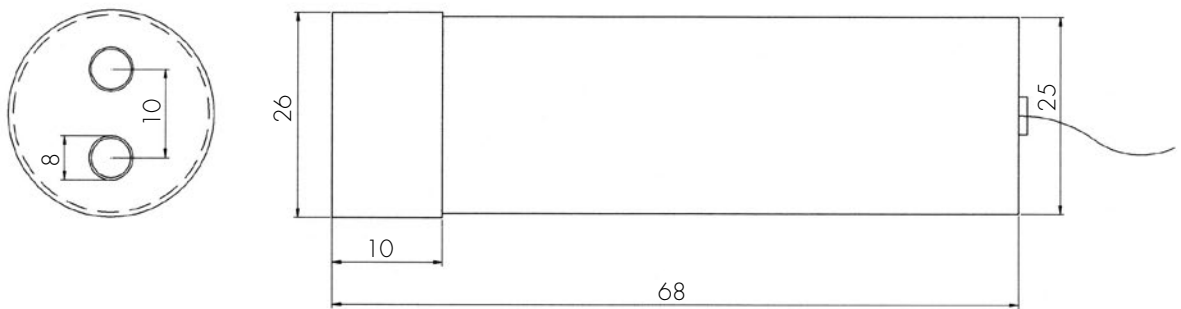
FLEXPOINT® Cross Hair Laser

Applications

- Measurement technology (machine vision, 3D measurements)
- Machine manufacturing industry (alignment applications)
- Medical systems (for patient positioning)

Features

- High optical performance
- Fan angles from 10° – 100°
- Laser can be optimized to working distance
- Ruggedized housing



All dimensions in mm

Technical Data

Wavelength	405 / 450 / 520 / 635 – 685 / 785 / 850 / 905 nm
Optical power	< 1 mW to 100 mW (depends on wavelength)
Modulation (option)	digital, 0 – 10 kHz (active low, higher frequency on request)
Power adjustment (option)	by potentiometer or control wire 0 – 5 V (active low)
Optics	cross hair
Fan angle	10° – 100° in 10° steps
Input voltage	4.5 – 6 VDC (520 nm: 8 – 30 VDC) option 4.5 – 30 VDC, reverse voltage protection
Power consumption	< 200 mA @ 5 VDC (depends on output power)
Operating temperature range	0 – 50 °C typ.
Storage temperature range	–10 ... +60 °C
Housing material	Aluminum, black anodised; potential free
Housing dimensions	see drawing
Connection cable	3 core cable, 2 m length
Specials	on request

Ordering Code FLEXPOINT® Cross Hair Laser

