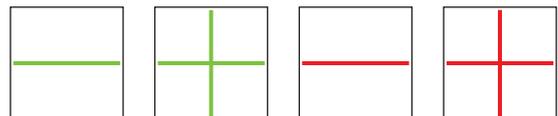


Data sheet

Positioning laser PL30-F

Optics:



General description

The „Positioning laser“ combines sturdy durability and reliable accuracy in a versatile alignment laser. SL Positioning laser modules consist of a laser diode, optics and driver electronics constructed in a rugged isolated housing suitable for industrial environments. A wide range of applications include the positioning of tools, fixtures and materials and the alignment of instruments and machines. Special features are the compact design, a constant output power and an electronically insulated housing.

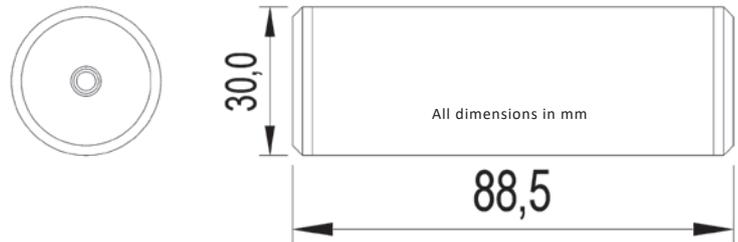
System specifications

Colour	Wavelength	Diode Power	Max. Output	Focusable	Optics	Laser class
green	520 nm	10 mW	< 0,4 mW	yes	Line	1M
green	520 nm	10 mW	< 1 mW	yes	Line	2M
green	520 nm	10 mW	< 1 mW	yes	Cross	2M
green	520 nm	50 mW	< 5 mW	yes	Line	3R
red	635 nm	10 mW	< 1 mW	yes	Line	2M
red	635 nm	10 mW	< 1 mW	yes	Cross	2M

Data sheet

Positioning laser PL30-F

Technical drawing:



Technical Data

Optical properties

Laser	Laser diode
Optics	homogeneous line
Lifetime	> 20.000 h
Output	10 mW / 50 mW

Inspection and Safety

Engineering Standards	EN 60825-1:2015-07
and	IEC60825-1, EN76-2,
CE	21CFR 1040, CE
Max. Shock	4 g

Mechanical specifications

Housing	Anodised aluminium
Weight	300 g incl. cable leads
IP rating	IP 65
Temperature range	0 °C .. +50 °C

Electrical values

Voltage	6-33 VDC
	(+)bn (-)bl (PE)gb/gn
Input	1 W
Cable length	5 m

Accessories

Power supply



Mounting bracket



Cable



Length adapter

