

ZF-pe-F

Small focusable dot laser

This small dot laser (with a diameter of just Ø 11 mm) is ideal for any positioning task, as it can be focused at site for any distance. The wavelength of 635 nm (red) is perfectly visible on most materials.

It is preferably used in the wood, stone, textile, metal, tire, concrete and food industries



Easy
Installation



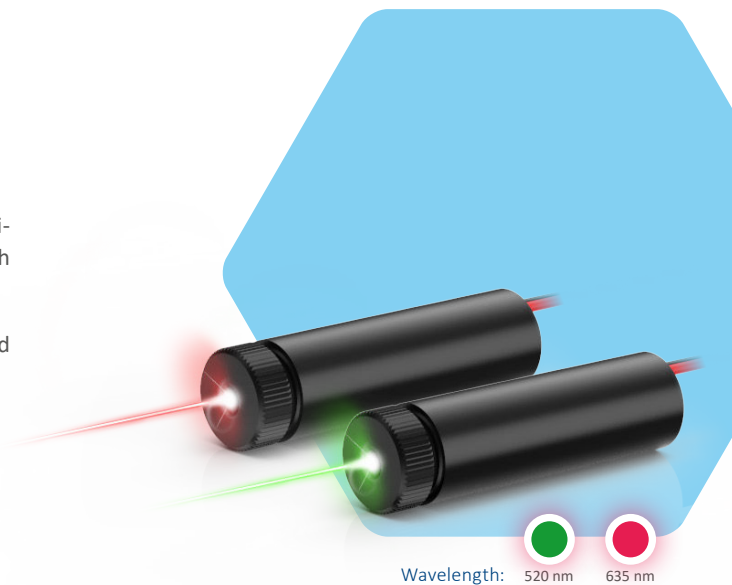
Output power
of up to 5 mW



IP 40



Focusable

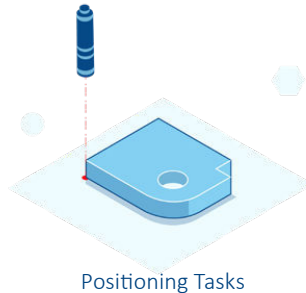
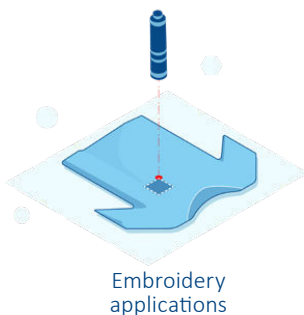


Wavelength: 520 nm 635 nm

Highlights

- Universal mini pointer
- Manual focusing optics
- Optical output power from 1mW to 5mW
- Electrically isolated housing (green)
- 5 to 24VDC supply voltage with reverse polarity protection
- Wavelength 635nm (red) or 520nm (green)

Sample applications



Order Code

Z	F	?	pe-F
Output power	Product family	Wavelength	Optic

System specifications

Wavelength	nm
Output power	mW
Laser operation mode	

520	635
1-5	1-5
APC with current limiter	

Electrical specifications

Operating voltage	
Protection	
Electrical isolation	
Connection	

5-24VDC	3-6VDC
Reverse polarity and transient protection (ESD, burst & surge)	
Potential-free housing	
2m cable with Texas connector	
Optionally: Cable up to 2m with leads	

Optical specifications

Dot	
Focusable	

Elliptical	
Yes	

Environmental conditions

Operating temperature	°C
Storage temperature	°C
Humidity	%

-10 °C up to +50 °C
-20 °C up to +70 °C
<90 %, non-condensing

Mechanical specifications

Weight	g
Length	mm
Diameter head Ø	mm
Material	
Protection class	

31
40
11
Messing, black chrome, plastic cap
IP40