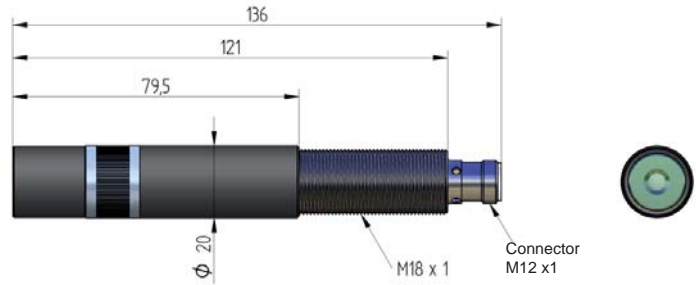


# Z10M18B-F-532-1p90

New product for various applications, positioning, automotive industry, wood industry, textile industry, medical science & more

## Z-LASER



### Features

- Highly visible green light
- Simple, external hand focusing mechanism
- LED laser operation indicator
- Thread mounted for simple and versatile mounting

### Main characteristics

Wavelength / Optic	532nm / Line, homogeneous light distribution, 90° fan angle
Power / Laser class	10mW / Laser class 2M (EN 60825-1:10-2003)

### Optical specifications

Optical power stability	< +/- 5% at constant temperature
Range of focus	100mm up to ∞
Pointing stability	< 50μrad / °C at constant temperature

### Electrical specifications

Supply voltage	5-30VDC
Modulation	continuous wave
Protection	reverse polarity and transient/ESD
Connection	M12 plug, 4-pin

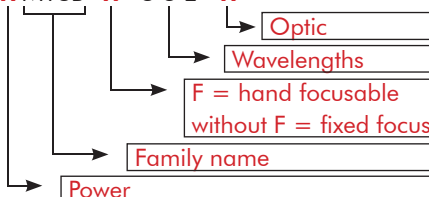
### Mechanical specifications

Dimensions	136mm x Ø 20mm (focusable)
Housing	Laser: M18 industry housing, chromed brass Optic head: anodised aluminium
Protection category	IP 67, fully waterproof
Weight	ca. 87g
Electrical isolation	potential-free housing

### Environmental conditions

Case temperature	5°C up to +40°C (heat dissipation e.g. with mounting H8-M18)
Storage temperature	-20°C up to +60°C
Humidity	Max. 90%, non condensing
MTTF at 25°C	> 5.000h

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### WARNING!

Laser Light -  
Avoid Direct  
Eye Exposure

### Configuration scheme



1: Voltage supply +  
2: /  
3: Voltage supply -  
4: /

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