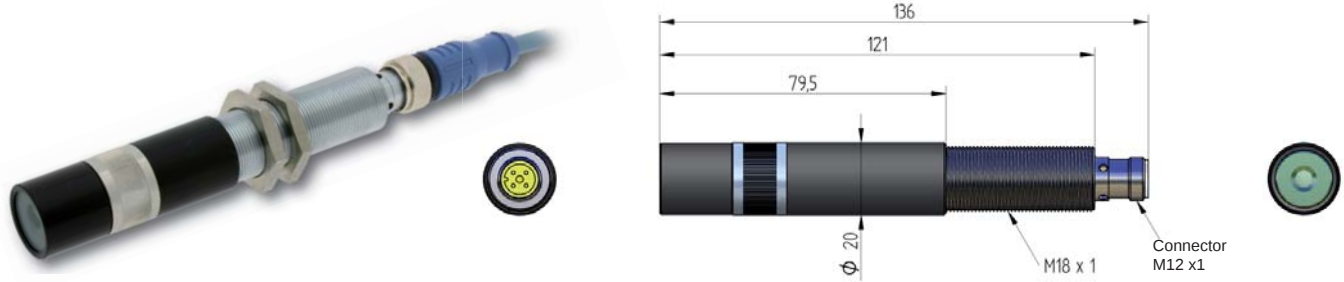


Z20M18B-F-532-Ig90

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, Gaussian light distribution, 90° fan angle
Power / Laser class	20mW / Laser class 2M (EN 60825-1:10-2003)

Optical specifications

Optical power stability	< +/- 5% at constant temperature
Range of focus	100mm up to ∞
Divergence of beam (FWHM)	< 1mrad (with dot optic)
Pointing stability	< 50 μ rad / °C at constant temperature

Electrical specifications

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

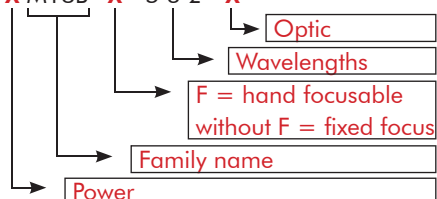
Mechanical specifications

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

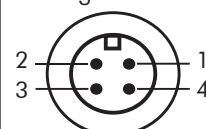
Z X M18B - X - 5 3 2 - X



WARNING!

Laser Light -
Avoid Direct
Eye Exposure

Configuration scheme



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

Z-LASER Optoelektronik GmbH • Merzhauser Str. 134 • 79100 Freiburg • Germany
Tel.: +49 / 761 / 296 44 44 • Fax: +49 / 761 / 296 44 55 • info@z-laser.de • www.z-laser.com