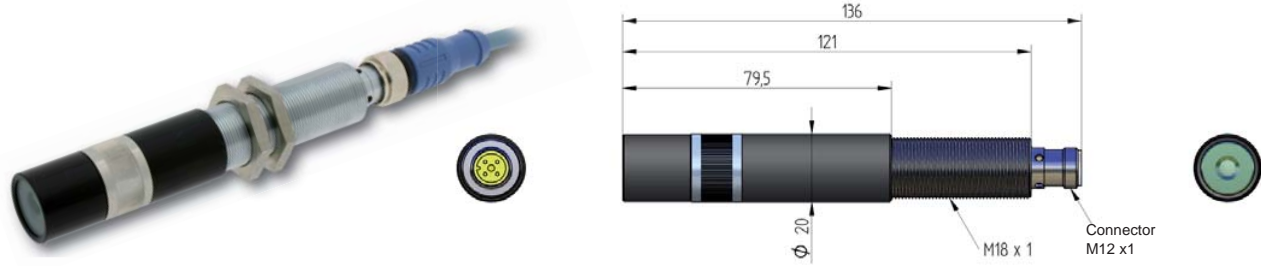


Z1M18B-F-532-pe

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 / Elliptical point
Power / Laser class	1mW / Laser class 2 (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	continous wave
Protection	reverse polarity and transient/ESD
Connection	M12 plug, 4-pin

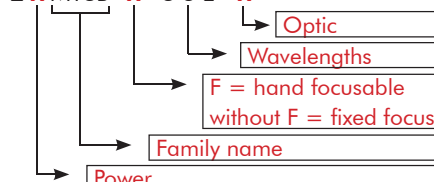
Mechanical specifications

Dimensions	136mm x \varnothing 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	0°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

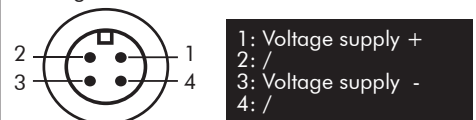
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WARNING!

Laser Light -
Avoid Direct
Eye Exposure

Configuration scheme



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