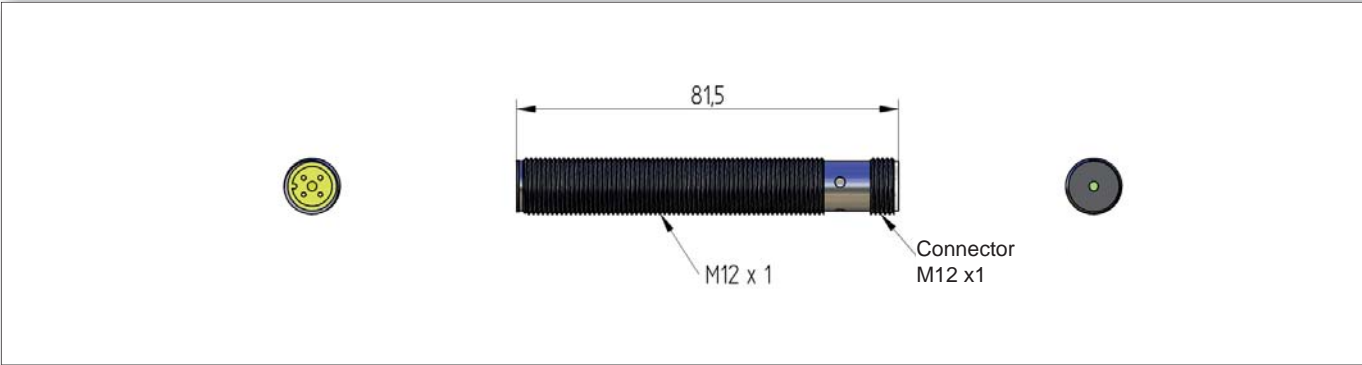


ZM-12 green

Industry / Craft

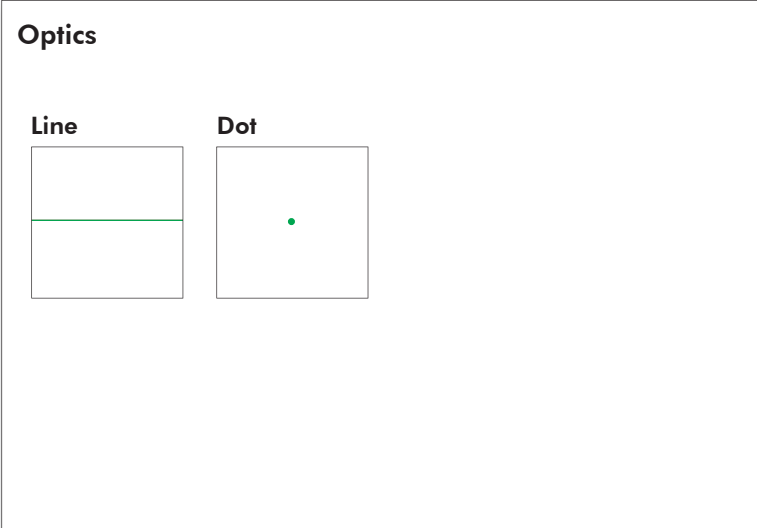
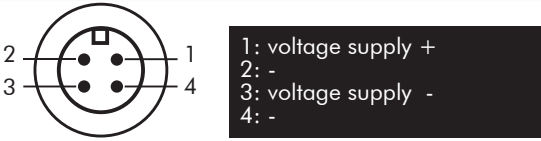


Brand new product for a variety of applications



- ### Features
- 5-30VDC operation with reverse polarity protection
 - Highly visible green light with a 5mW output
 - Simple, external tool focusing mechanism
 - Thread mounted for simple and versatile mounting
 - LED laser operation indicator
 - M12 connector guarantees an ideal electrical connection
 - Electrically isolated housing

- ### Applications
- Positioning
 - Machine Vision
 - Wood processing
 - Metal processing
 - Textile industry
 - Stone processing
 - Food industry
 - Medical science
 - Automotive industry



Specifications

Optical

Optical stability	< +/- 25% at constant temperature
Wavelength vs. temperature	Typ. 0,25nm / °C
Range of focus	100mm up to ∞
Divergence of beam	≤ 1mrad (with dot optic)
Pointing stability	< 50μrad / °C at constant temperature

Optics

Line (Gaussian profile)	60°, 90°, symmetrical or asymmetrical
Point	elliptical or circular

Wavelength and power

532nm	1-5mW
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Electrical

Supply voltage	5-30VDC
Mode of operation	APC with current limiting
Modulation	continous wave
Protection	reverse polarity and transient/ESD
Connection	M12 plug, 4-pin

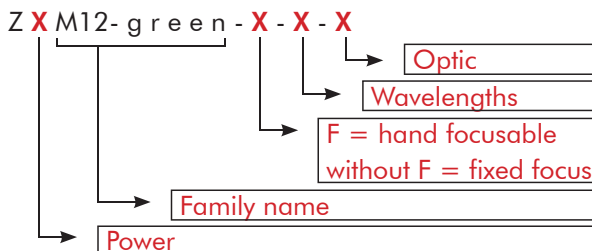
Mechanical

Dimensions	81.5mm x Ø 12mm (without optic head)
Housing	Laser: M12 industry housing, chromed brass
Protection category	IP 54
Weight	ca. 40g
Electrical isolation	potential free housing

Environment conditions

Case temperature (with Z-LASER mounting)	0°C up to +35°C (with mounting H8-M18)
Storage temperature	-10°C up to +80°C
Humidity	Max. 90%, non condensing
MTTF at 25°C	> 10.000h

Order code:



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