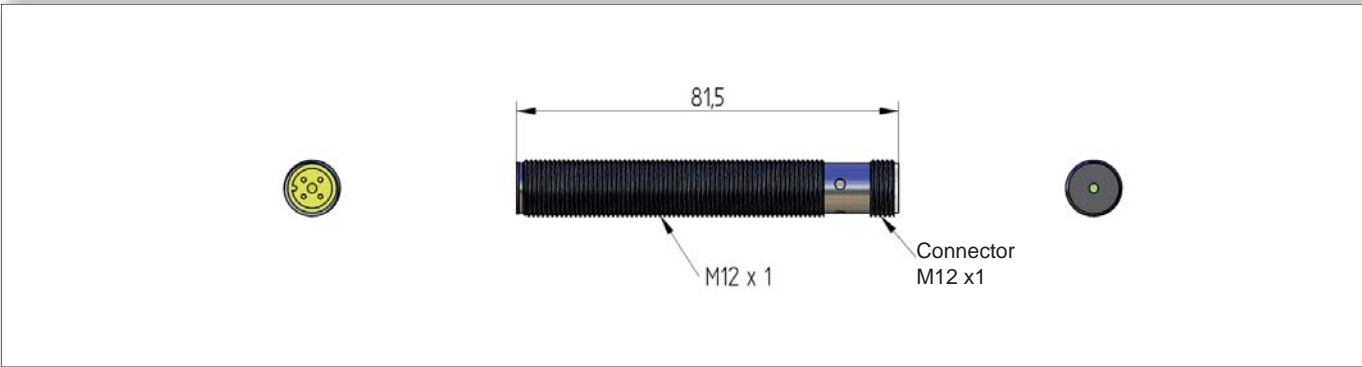
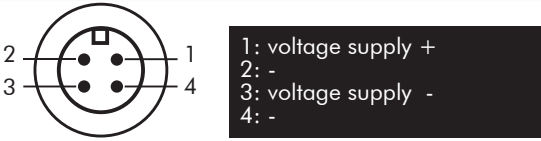


**Brand new product for a variety of applications**



- Features**
- 5-30VDC operation with reverse polarity protection
  - Highly visible green light with up to 10mW 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



**Optics**

**Line**

**Dot**

**Mounting and power supply**

**H8-M12**

**WNG-9E-24M**

# Specifications

## Optical

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

## Optics

Point	elliptical or circular
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## Wavelength and power

532nm	1-10mW
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## Electrical

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

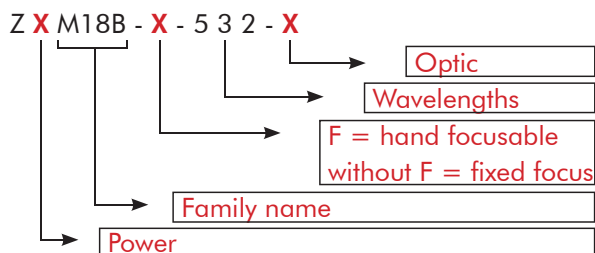
## Mechanical

Dimensions	81.5mm x $\varnothing$ 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	0°C up to +45°C (heat dissipation e.g. with mounting H8-M12)
Storage temperature	-20°C up to +60°C
Humidity	Max. 90%, non condensing
MTTF at 25°C	> 5.000h

## Order code:



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