

### Basic features

<b>Approval/Conformity</b>	CE WEEE
<b>Scope of delivery</b>	Laser 2x nut M18x1
<b>Use</b>	for Vision sensor BVS
<b>Version</b>	Laser Module

### Display/Operation

<b>Adjuster</b>	Focus ring
<b>Setting</b>	Focusing distance

### Electrical connection

<b>Connection</b>	M12x1-Male, 5-pin, A-coded
<b>Polarity reversal protected</b>	yes

### Electrical data

<b>Current draw max.</b>	400 mA
<b>Focusing range</b>	100 mm ... 10000 mm
<b>Operating voltage Ub</b>	5...30 VDC
<b>Output capacity max.</b>	1 mW
<b>Rated insulation voltage Ui</b>	75 V DC
<b>Rated operating voltage Ue DC</b>	24 V
<b>Working frequency</b>	Digital: up to 400 kHz

### Environmental conditions

<b>Ambient temperature</b>	-10...50 °C
<b>IP rating</b>	IP67

### Interface

<b>Digital inputs</b>	Trigger
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### Material

<b>Housing material</b>	Stainless steel Glass, Nickel-plated brass nuts
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### Mechanical data

<b>Dimension</b>	Ø 20 x 116 mm
<b>Mounting part</b>	Nut M18x1

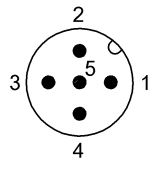
### Optical features

<b>Laser class per IEC 60825-1</b>	2
<b>Light type</b>	Laser red light
<b>Projection type</b>	Point, elliptical
<b>Wave length</b>	635 nm

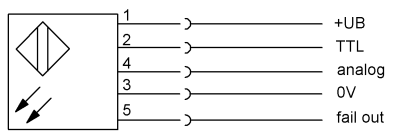
### Remarks

Order accessories separately.  
 For additional information, refer to user's guide.  
 Install the device so that no direct view of the light source is possible even during operation.  
 Reverse polarity and transient protection / ESD, overheating protection and LED fault indicator

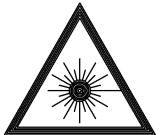
## Connector Drawings



## Wiring Diagrams



## Warning Symbols



Laser beam! – DO NOT STARE INTO THE LIGHT BEAM

OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS!

Laser Class 1M/2M per DIN EN 60825-1