

## PP98F001

### laser pointer • Line

laser pointer, M18x1 92long, Line, 90°, Laser diode, red light, 638nm, 5-30V DC, Connector M12, IP67, Brass Chrome-plated, focus 1000mm

including 2x Nut



#### Electrical features

Type of electrical connection	Connector M12
Readiness delay	2000ms
Laser power	15mW
Ampacity	0.4A
Reverse polarity protection	Yes
Operating voltage (DC)	5 - 30V

#### Mechanical features

Diameter	20mm
Thread length	31mm
Thread pitch	1mm
Storage temperature	-40 - 85°C
Length	92mm
Surface	Chrome-plated
Degree of protection (IP)	IP67
Housing material	Aluminum
Thread dimension	M18
Ambient temperature	-10 - 50°C

#### Optical features

Laser class	Class 1M
Light source	Laser diode, red light
Light beam form	Line
Wavelength of the sensor	638nm
Angle of beam spread	90°

#### Other features

Temperature drift of wavelength	0.25nm/K
Ambient temperature	-10 - 50°C

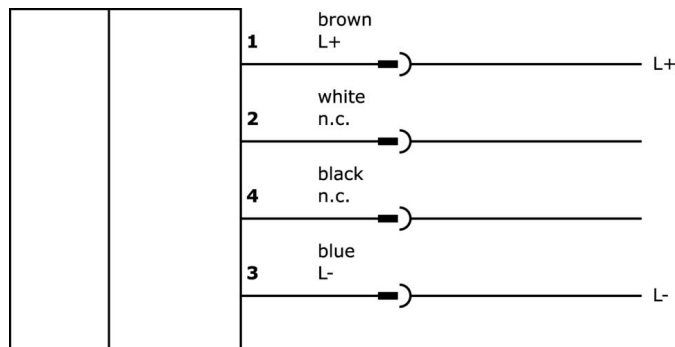
## Classification

ETIM 8	EC000641 Measuring laser
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## More

IPF Product Group	163 Laser (various)
packaging dimensions	160 x 99 x 60 mm
gross weight	141 g
Customs tariff number	90319000
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

## Connection



## Installation



Mounting / installation may only be carried out by a qualified electrician!

## Disposal



## Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

For suitable connection and mounting accessories, please refer to our website [www.ipf-electronic.com](http://www.ipf-electronic.com).

## Dimensional drawing

