

PP98E047

laser pointer • Line

laser pointer, M18x1 136long, Line, 90°, Laser diode, green light, 532nm, 5-30V DC, Connector M12, IP67, Brass Chrome-plated, 3mW, focus 200-50000mm

including 2x Nut



Electrical features

Type of electrical connection	Connector M12
Laser power	3mW
Temperature drift	±5 % Performance stability over the entire temperature range
Reverse polarity protection	Yes
Operating voltage (DC)	5 - 30V

Mechanical features

Diameter	20mm
Thread length	42mm
Thread pitch	1mm
Storage temperature	-20 - 60°C
Length	136mm
Surface	Chrome-plated
Degree of protection (IP)	IP67
Housing material	Aluminum
Thread dimension	M18
Ambient temperature	45°C

Optical features

Laser class	Class 1M
Light source	Laser diode, green light
Light beam form	Line
Wavelength of the sensor	532nm
Angle of beam spread	90°
focus	200 - 50000mm

Other features

Temperature drift of wavelength	0.06nm/K
Ambient temperature	45°C

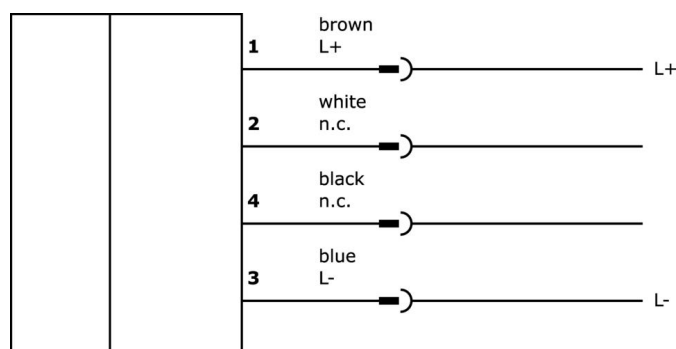
Classification

ETIM 8	EC000641 Measuring laser
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More

IPF Product Group	163 Laser (various)
packaging dimensions	175 x 113 x 35 mm
gross weight	166 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.

Dimensional drawing

