

**PP98C893**
**LASER SENSORS • POINTERS**

laser pointer, M18x1 108long, Line, 90°, Laser diode, red light, 635nm, 5-30V DC, Connector M12, IP67, Brass Chrome-plated, focus 100-50000mm


**MECHANICAL FEATURES**

Ambient temperature	-10 °C ... 50 °C
Degree of protection (IP)	IP67
Diameter	20 mm
Housing coating	Chrome-plated
Housing material	Brass
Length	108 mm
Optic head material	Aluminum
Storage temperature	-10 °C ... 80 °C
Thread length	32 mm
Thread pitch	1 mm
Thread size, metric	18

**ELECTRICAL FEATURES**

Operating voltage	5 V ... 30 V
Reverse polarity protection	+
Rotating signaling route	-
Temperature drift	3 %/K
Type of electrical connection	Connector M12
Visible signaling route	-
Voltage type	DC

**OPTICAL FEATURES**

Angle of beam spread	90 °
Light source	Laser diode, red light
Wavelength of the sensor	635 nm
Light beam form	Line
Laser focus distance	100 mm
Laser focus distance	100 mm ... 50000 mm
Laser class	IV002183

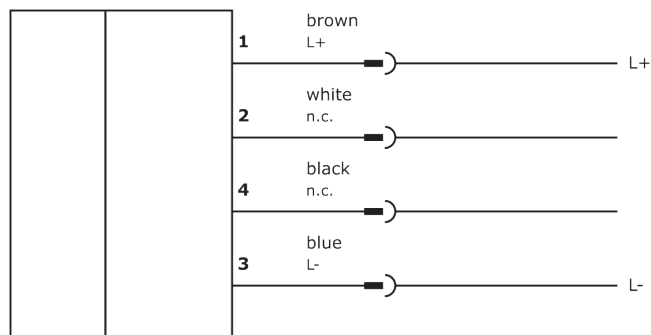
**Other**

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.15kg
Tariff code	90319000

## Classification

ipf product group	700
eClass 8.0	21160106
eClass 9.0	21160106
eClass 9.1	21160106
ETIM-5.0	EC000641
ETIM-6.0	EC000641
ETIM-7.0	EC000641

## Connection



## Dimensional drawing

## 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.

LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.