

## PP98C865

### laser pointer • Line

Laser pointer, M18x1 108long, line, 30°, laser diode, red light, 635nm, 5-30V DC, M12 connector, IP67, chrome-plated brass, focus 100-50000mm

including Nut



#### Electrical features

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

#### Mechanical features

|                           |               |
|---------------------------|---------------|
| Diameter                  | 20 mm         |
| Thread length             | 32 mm         |
| Thread pitch              | 1 mm          |
| Storage temperature       | -10 - 80 °C   |
| Length                    | 108 mm        |
| 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 | 635 nm                 |
| Angle of beam spread     | 30 °                   |
| focus                    | 100 - 50000 mm         |

#### Other features

|                                 |           |
|---------------------------------|-----------|
| Temperature drift of wavelength | 0.25 nm/K |
|---------------------------------|-----------|

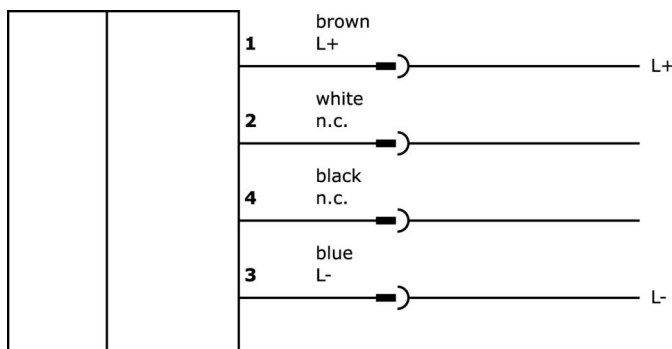
**Classification**

|        |                          |
|--------|--------------------------|
| ETIM 8 | EC000641 Measuring laser |
|--------|--------------------------|

**More**

|                       |                     |
|-----------------------|---------------------|
| IPF Product Group     | 163 Laser (various) |
| packaging dimensions  | 160 x 99 x 60 mm    |
| gross weight          | 127 g               |
| Customs tariff number | 90319000            |
| WEEE number           | 40951076            |
| Reach-compliant       | Yes                 |
| RoHS-compliant        | Yes                 |

**Connection**



**Extract accessories program**

**VK003020**



Cable socket, angular, self-assembly, screw connection, Ø3-6. 5mm, 4A, 240V, -25-90°C, M12 socket 4-pin, IP67, PBT

**VK003024**



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 Female (socket) 4pin, IP67, PBT

**VK003021**



Cable socket, Angular, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

**VK003025**



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

**AY000162**



Accessories, magnetic, Ø43mm, neodymium-iron-boron, inside thread M5, rubber

**AY000159**



accessories sensor, Mounting pipe, Ø12mm 200long, Aluminum Anodised

**AY000117**



accessories sensor, Fixture kit, Metal, ball joint

**VK000037**



Adaption, M12 Female (socket) 3pin Straight, M8 Male (connector) 3pin Straight, 24V, -25-85°C, IP67, Oil and cooling lubricants, Welding area

**VK200021**



Connection cable, 2m, M12 Female (socket) 3pin Angular, Free conductor end, 3x0.34mm<sup>2</sup>, PUR (Polyurethane), Ø4.3mm, 250V, -30-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

You can find further accessories on our homepage

**Installation**

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

**Disposal**

WEEE number according to § 6 para. 3  
ElektroG: 40951076

**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.