

**VKB05321**
**CONNECTION TECHNOLOGY • CABLE SOCKETS / CONNECTORS PRE-ASSEMBLED ON ONE SIDE**

, 20m, M12 Female (socket) 4pin Angular, Free conductor end, 4x0.34mm<sup>2</sup>, PUR (Polyurethane), Ø5.5mm, 250V, 90°C, IP67, Shielded, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free


**MECHANICAL FEATURES**

|                                                 |                               |
|-------------------------------------------------|-------------------------------|
| Cable infeed of A connection                    | Angular                       |
| Cable length                                    | 20 m                          |
| Degree of protection (IP)                       | IP67                          |
| Material of cable sheath                        | PUR (Polyurethane)            |
| Number of cores                                 | 4                             |
| Perm. ambient temperature of cable, fixed cable | -25 °C ... 90 °C              |
| Suitable for trailing chain                     | +                             |
| Torsion cycles                                  | +/-360°/m, ≥ 2 million cycles |
| Trailing chain cycles                           | 5 million cycles              |
| Version                                         | Connection cable              |
| Wire assembly                                   | 42 x 0.1mm                    |
| Wire cross section                              | 0.34 mm <sup>2</sup>          |

**ELECTRICAL FEATURES**

|                                       |                    |
|---------------------------------------|--------------------|
| Line diameter                         | 5.5 mm             |
| Number of pins of A connection        | 4                  |
| Rated current                         | 4 A                |
| Rated voltage                         | 250 V              |
| Shielded                              | +                  |
| Type of A electrical connection       | M12                |
| Type of B electrical connection       | Free conductor end |
| Type of plug-in contact, A connection | Female (socket)    |
| With LED display                      | -                  |

**OTHER FEATURES**

|                            |                                 |
|----------------------------|---------------------------------|
| Flame retardant            | In accordance with EN 60332-2-2 |
| Free of LABS               | +                               |
| Halogen-free               | +                               |
| Hydrolysis-proof           | +                               |
| IR-networked               | -                               |
| Oil and cooling lubricants | +                               |
| Ozone and UV-resistant     | +                               |
| Silicone-free              | +                               |

## OTHER FEATURES

Suitable for trailing chain and torsion resistant

+

Welding area

+

## Other

Packaging dimensions

195.0mm x 45.0mm x 195.0mm

Shipping weight

0.86kg

Tariff code

85444290

## Classification

ipf product group

850

eClass 8.0

27279218

eClass 9.0

27060311

eClass 9.1

27060311

ETIM-5.0

EC001855

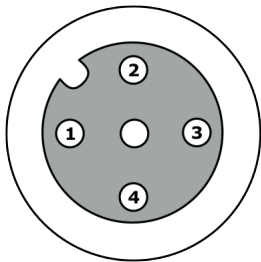
ETIM-6.0

EC001855

ETIM-7.0

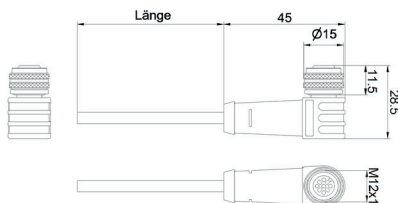
EC001855

## Connection



- 1 brown
- 2 white
- 3 blue
- 4 black

## 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.

