

VKA05C25

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

, 10m, M12 Female (socket) 12pin Straight, Free conductor end, 12x0.14mm², PUR (Polyurethane) Black, Ø6mm, 30V, -30-90°C, IP67, TPU, Shielded, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free



MECHANICAL FEATURES

| | |
|--|---------------------------------|
| Ambient temperature | -30 °C ... 90 °C |
| Cable infeed of A connection | Straight |
| Cable length | 10 m |
| Cable sheath color | Black |
| Contact body material | Brass |
| Contact coating material | Gold |
| Degree of protection (IP) | IP67 |
| Housing material | TPU |
| Material of cable sheath | PUR (Polyurethane) |
| Max. tightening torque | 1 Nm |
| Number of cores | 12 |
| Perm. ambient temperature of cable, fixed cable | -40 °C ... 90 °C |
| Perm. ambient temperature of cable, flexible cable | -25 °C ... 60 °C |
| Suitable for trailing chain | + |
| Torsion cycles | +/-180°/m, ≥ 0.5 million cycles |
| Trailing chain cycles | ≥ 2 million cycles |
| Version | Connection cable |
| Wire assembly | 18 x 0.1mm |
| Wire cross section | 0.14 mm ² |

ELECTRICAL FEATURES

| | |
|---------------------------------------|--------------------|
| Flow resistance | 5 mOhm |
| Line diameter | 6 mm |
| Number of pins of A connection | 12 |
| Rated current | 1.5 A |
| Rated voltage | 30 V |
| Shielded | + |
| Type of A electrical connection | M12 |
| Type of B electrical connection | Free conductor end |
| Type of cable | Multi-core |
| Type of plug-in contact, A connection | Female (socket) |
| With LED display | - |

OPTICAL FEATURES

| | |
|-------------------|---|
| Degree of soiling | 3 |
|-------------------|---|

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 | + |
| Suitable for trailing chain and torsion resistant | + |
| Welding area | + |

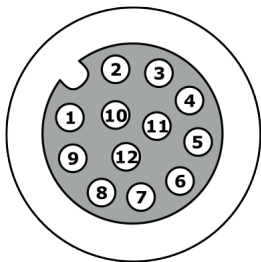
Other

| | |
|----------------------|--------------------------|
| Packaging dimensions | 255.0mm x 30mm x 255.0mm |
| Shipping weight | 0.51kg |
| Tariff code | 85444290 |

Classification

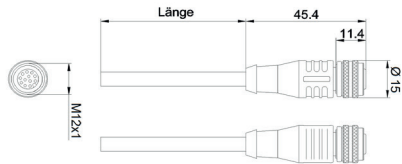
| | |
|-------------------|----------|
| ipf product group | 856 |
| eClass 8.0 | 27279218 |
| eClass 9.0 | 27060311 |
| eClass 9.1 | 27060311 |
| ETIM-5.0 | EC001855 |
| ETIM-6.0 | EC001855 |
| ETIM-7.0 | EC001855 |

Connection



- 1 brown
- 2 blue
- 3 white
- 4 green
- 5 pink
- 6 yellow
- 7 black
- 8 gray
- 9 red
- 10 violet
- 11 gray/pink
- 12 red/blue

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.

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