

VK505C25

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

, 5m, 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	5 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
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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	+

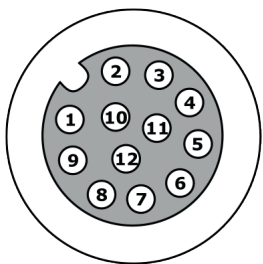
Other

Packaging dimensions	200mm x 30mm x 320mm
Shipping weight	0.27kg
Tariff code	85444290

Classification

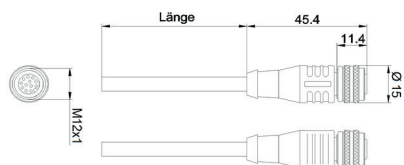
ipf product group	856
eClass 8.0	27279218
eClass 9.0	27060311
eClass 9.1	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855

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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