

VKB00C25
CONNECTION TECHNOLOGY • CABLE SOCKETS / CONNECTORS PRE-ASSEMBLED ON ONE SIDE

, 20m, M12 Female (socket) 12pin Straight, Free conductor end, 12x0.14mm², PUR (Polyurethane), Ø5.8mm, 30V, -30-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free


MECHANICAL FEATURES

Cable infeed of A connection	Straight
Cable length	20 m
Contact body material	Brass
Degree of protection (IP)	IP67
Material of cable sheath	PUR (Polyurethane)
Number of cores	12
Perm. ambient temperature of cable, fixed cable	-30 °C ... 90 °C
Suitable for trailing chain	+
Torsion cycles	+/-180°/m, ≥ 0.5 million cycles
Trailing chain cycles	≥ 2 million cycles
Version	Connection cable
Wire assembly	72 x 0.05mm
Wire cross section	0.14 mm ²

ELECTRICAL FEATURES

Flow resistance	5 mOhm
Line diameter	5.8 mm
Number of pins of A connection	12
Rated current	1.5 A
Rated voltage	30 V
Type of A electrical connection	M12
Type of B electrical connection	Free conductor end
Type of plug-in contact, A connection	Female (socket)

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

220mm x 55.0mm x 220mm

Shipping weight

0.8kg

Tariff code

85444290

Classification

ipf product group

856

eClass 8.0

27279218

eClass 9.0

27060311

eClass 9.1

27060311

ETIM-5.0

EC001855

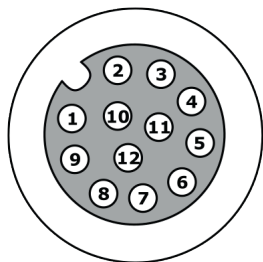
ETIM-6.0

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.