

VK100F23

CONNECTION TECHNOLOGY • CABLE SOCKETS / CONNECTORS PRE-ASSEMBLED ON TWO SIDES

, 1m, M12 Female (socket) 4pin Angular, M12 Male (plug) 4pin Straight, 4x0.34mm², PUR (Polyurethane), IP67, With LED display, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free



MECHANICAL FEATURES

Cable infeed of A connection	Angular
Cable infeed of B connection	Straight
Cable length	1 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 ... 80 °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 ²

ELECTRICAL FEATURES

Number of pins of A connection	4
Number of pins of B connection	4
Type of A electrical connection	M12
Type of B electrical connection	M12
Type of plug-in contact, A connection	Female (socket)
Type of plug-in contact, B connection	Male (plug)
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	+
Suitable for trailing chain and torsion resistant	+

OTHER FEATURES

Welding area

+

Other

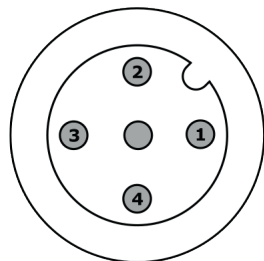
Packaging dimensions	200mm x 15.0mm x 200mm
Shipping weight	0.06kg
Tariff code	85444290

Classification

ipf product group	851
eClass 8.0	27279218
eClass 9.0	27060311
eClass 9.1	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855

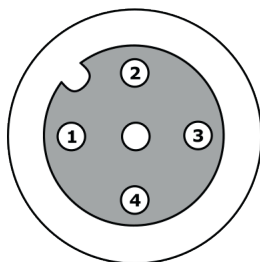
Connection

male connection



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

female connection



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

LEDs: green (PIN1), yellow (PIN 2), yellow (PIN4)

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.