

VK500825
CONNECTION TECHNOLOGY • CABLE SOCKETS / CONNECTORS PRE-ASSEMBLED ON ONE SIDE

, 5m, M12 Female (socket) 5pin Straight, Free conductor end, 5x0.34mm², PUR (Polyurethane), Ø5.2mm, 30V, -30-90°C, IP67, TPU, 4A, With LED display, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silico...


MECHANICAL FEATURES

Cable infeed of A connection	Straight
Cable length	5 m
Contact body material	CuSn
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	5
Perm. ambient temperature of cable, fixed cable	-30 °C ... 90 °C
Suitable for trailing chain	+
Torsion cycles	+/-180°/m, ≥ 1 million cycles
Trailing chain cycles	3 million cycles
Version	Connection cable
Wire assembly	42 x 0.1mm
Wire cross section	0.34 mm ²

ELECTRICAL FEATURES

Ampacity	4 A
Flow resistance	5 mOhm
Line diameter	5.2 mm
Nominal supply voltage	30 V
Number of pins of A connection	5
Rated current	4 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)
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	+

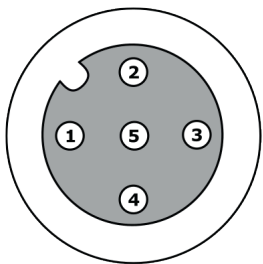
Other

Packaging dimensions	155.0mm x 20mm x 155.0mm
Shipping weight	0.18kg
Tariff code	85444290

Classification

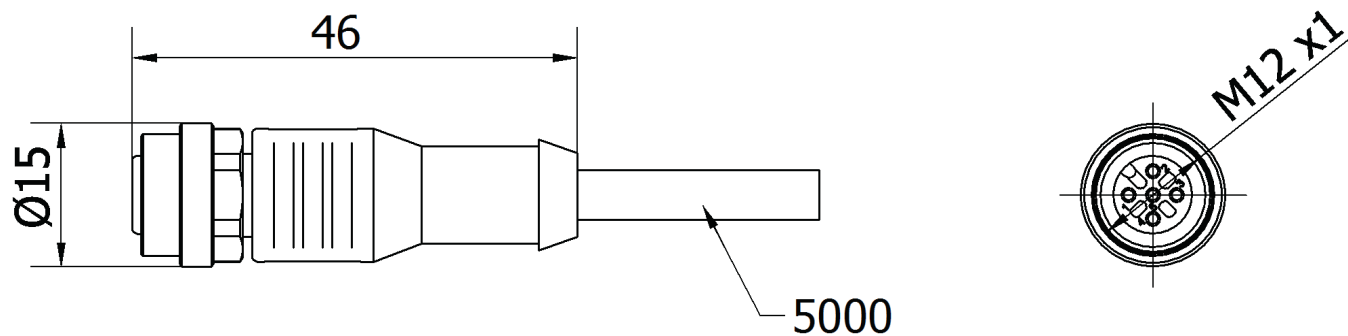
ipf product group	850
eClass 8.0	27279218
eClass 9.0	27060311
eClass 9.1	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855

Connection



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

LEDs: green (PIN1), yellow (PIN 4)

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.