

## VK10RF70

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

, 1m, M8 Female (socket) 3pin Angular, M8 Male (plug) 3pin Straight, 3x0.25mm<sup>2</sup>, PUR (Polyurethane) Orange, Ø4.6mm, 60V, -40-90°C, IP69K, 4A, Robotics, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Sil...



#### MECHANICAL FEATURES

Ambient temperature	-40 °C ... 90 °C
Cable infeed of A connection	Angular
Cable infeed of B connection	Straight
Cable length	1 m
Cable sheath color	Orange
Contact body material	Brass
Contact coating material	Gold
Degree of protection (IP)	IP69K
Material of cable sheath	PUR (Polyurethane)
Number of cores	3
Perm. ambient temperature of cable, fixed cable	-40 °C ... 90 °C
Perm. ambient temperature of cable, flexible cable	-30 °C ... 90 °C
Seawater-resistant	+
Suitable for trailing chain	+
Torsion cycles	+/-360°/m, ≥ 10 million cycles
Trailing chain cycles	≥ 10 million cycles
Version	Connection cable
Wire cross section	0.25 mm <sup>2</sup>

#### ELECTRICAL FEATURES

Ampacity	4 A
Line diameter	4.6 mm
Nominal supply voltage	60 V
Number of pins of A connection	3
Number of pins of B connection	3
Rated current	4 A
Rated voltage	60 V
Type of A electrical connection	M8
Type of B electrical connection	M8
Type of cable	Multi-core
Type of plug-in contact, A connection	Female (socket)
Type of plug-in contact, B connection	Male (plug)
With LED display	-

## OPTICAL FEATURES

Degree of soiling	3
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## OTHER FEATURES

Acid and alkali-resistant	+
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	+
Recyclable	+
Robotics	+
Silicone-free	+
Suitable for trailing chain and torsion resistant	+
Welding area	+

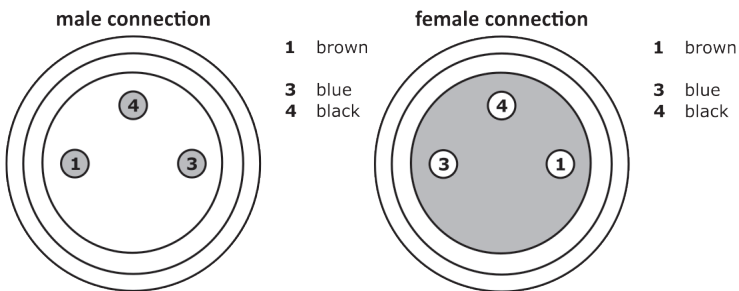
## Other

Packaging dimensions	0.0mm x 0.0mm x 0.0mm
Shipping weight	
Tariff code	85444290

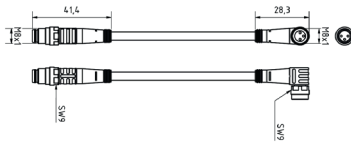
## Classification

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



## 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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