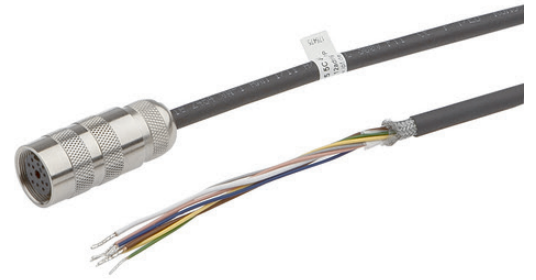


VK505C44

CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS ONE-SIDED PRE-ASSEMBLED

ipf cable sockets are used primarily for establishing the electrical connection of sensors. Their features are characterized by rugged design, the highest protection classes (IP67 | IP68 | IP69K) and, if desired, with 360° shielding. With the features: bus-ready, suitable for use with drag chains and robots, resistance to oil and chemicals, resistance to welding sparks, their resistance to cleaning agents or high-pressure and steam-jet cleaning, the expanded temperature range of up to +230°C, the rapid interconnection technology and special data transmission properties, the cable sockets meet all requirements in automation technology.



MECHANICAL FEATURES

Ambient temperature	-5 °C ... 70 °C
Cable length	5 m
Degree of protection (IP)	IP67
Material of cable sheath	Other
Number of cores	12
Positioning of cable feed, field side	Straight
Positioning of cable feed, housing side	Straight

ELECTRICAL FEATURES

Nominal supply voltage	300 V
Number of pins	12
Rated voltage	300 V
Shielded	+
Type of electrical connection, field side	Free conductor end
Type of electrical connection, housing side	M16
Type of plug-in contact, housing side	Female (socket)

OTHER FEATURES

Flame retardant	Yes
IR-networked	-
Oil and cooling lubricants	+
Suitable for trailing chain and torsion resistant	+

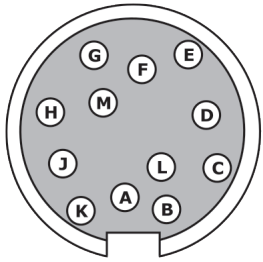
Other

Packaging dimensions	160mm x 0.0mm x 220mm
Shipping weight	
Tariff code	85444290

Classification

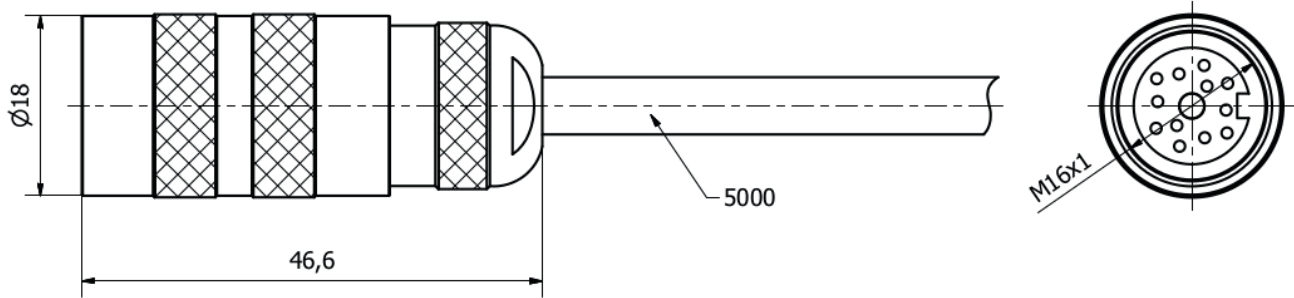
ipf product group	856
eClass 8.0	27279218
eClass 9.0	27060311
eClass 9.1	27060311
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855

Connection



- A** white
- B** brown
- C** green
- D** yellow
- E** gray
- F** pink
- G** blue
- H** shield
- J** n.c.
- K** white
- L** brown
- M** n.c.

Dimensional drawing



Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Software

Please download the software or driver required for operating your new device on our homepage: www.ipf.de

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.