

**VK10E161**

**CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS TWO-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 DATA**

Ambient temperature	-40 °C ... 85 °C
Cable length	1 m
Cable sheath color	Black
Contact body material	Other
Contact coating material	Ni/Au
Degree of protection (IP)	IP40
Housing material	Brass
Material of cable sheath	PUR (Polyurethane)
Number of wires	5
Positioning of cable feed, field side	Straight
Positioning of cable feed, housing side	Straight
Wire cross section	0.34 mm <sup>2</sup>

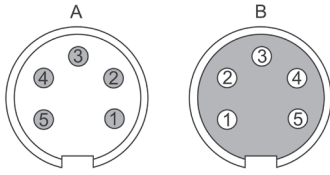
**ELECTRICAL DATA**

Number of pins	5
Shielded	Yes
Type of cable	Multi-core
Type of electrical connection, field side	M16
Type of electrical connection, housing side	M16
Type of plug-in contact, field side	Female (socket)
Type of plug-in contact, housing side	Male (plug)
With LED display	No

**OTHER DATA**

Halogen-free	Yes
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## 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!