

## VK20E151

### 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

Cable length	2 m
Cable sheath color	Black
Degree of protection (IP)	IP67
Material of cable sheath	PUR (Polyurethane)
Max. tightening torque	0.5 Nm
Number of wires	3
Perm. ambient temperature of cable, fixed cable	-30 °C ... 90 °C
Positioning of cable feed, field side	Angled
Positioning of cable feed, housing side	Straight
Suitable for trailing chain	Yes
Wire assembly	42 x 0.1mm
Wire cross section	0.34 mm <sup>2</sup>

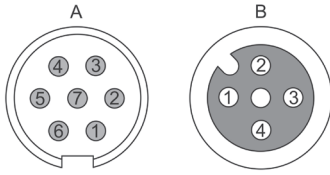
#### ELECTRICAL DATA

Line diameter	4.3 mm
Number of pins	3
Shielded	No
Type of cable	Multi-core
Type of electrical connection, field side	M12
Type of electrical connection, housing side	Binder 680
Type of plug-in contact, field side	Female (socket)
Type of plug-in contact, housing side	Male (plug)
With LED display	Yes

#### OTHER DATA

Flame resistant	No
Halogen-free	Yes
IR-networked	No
Oil and cooling lubricants	Yes
Silicone-free	Yes
Welding area	Yes

## CONNECTION



**Colors:** A: 1 = BK (black), 5 = BU (blue), 6 = BN (brown)  
B: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)  
**Functions:**

## 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!