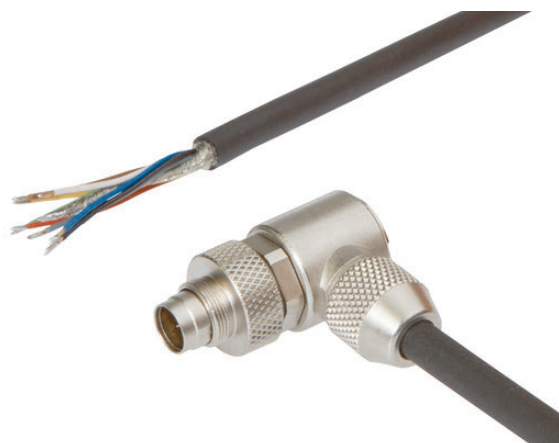


## VKSI0313

### 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 DATA

Ambient temperature (MAX)	70 °C
Ambient temperature (MIN)	-25 °C
Cable length	4 m
Degree of protection (IP)	IP67
Material of cable sheath	PUR (Polyurethane)
Number of wires	8
Positioning of cable feed, field side	Angled
Positioning of cable feed, housing side	Angled
Wire cross section	0.14 mm <sup>2</sup>

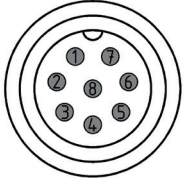
#### ELECTRICAL DATA

Flow resistance	3 mOhm
Number of pins	8
Rated current I <sub>n</sub>	1 A
Rated voltage	125 V
Shielded	No
Type of electrical connection, field side	Free conductor end
Type of electrical connection, housing side	M9
Type of plug-in contact, housing side	Male (plug)
With LED display	No

#### OTHER DATA

Flame resistant	No
Halogen-free	No
IR-networked	No
Oil and cooling lubricants	Yes
Suitable for trailing chain and torsion resistant	Yes
Welding area	Yes

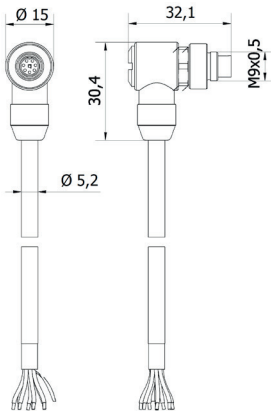
## CONNECTION



**Colors:** 1 = WH (white), 2 = BN (brown), 3 = GN (green), 4 = YE (yellow), 5 = GY (gray), 6 = PK (pink), 7 = BU (blue), 8 = RD (red)

**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!

Never use these devices in applications where the safety of a person depends on their functionality.