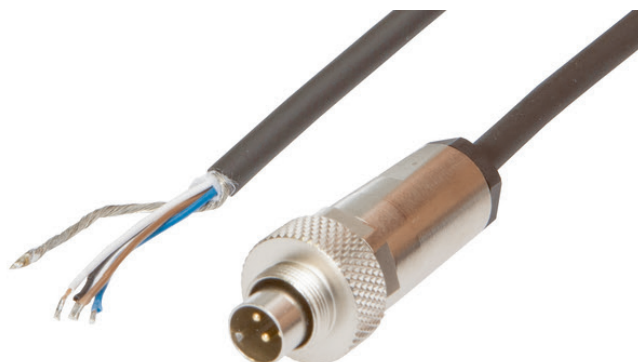


VKSI0314

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	-25 °C ... 70 °C
Cable length	10 m
Contact body material	CuZn
Contact coating material	Gold
Material of cable sheath	PUR (Polyurethane)
Number of wires	4
Perm. ambient temperature of cable, fixed cable	-25 °C ... 70 °C
Positioning of cable feed, field side	Straight
Positioning of cable feed, housing side	Straight
Wire cross section	0.25 mm ²

ELECTRICAL DATA

Flow resistance	3 mOhm
Line diameter	5.3 mm
Number of pins	4
Rated current I _n	3 A
Rated voltage	125 V
Type of cable	Multi-core
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

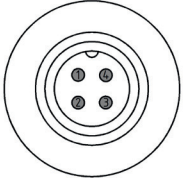
OPTICAL DATA

Degree of soiling	1
-------------------	---

OTHER DATA

Flame resistant	No
Suitable for trailing chain and torsion resistant	Yes
Welding area	Yes

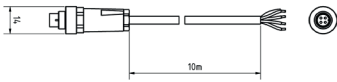
CONNECTION



Colors: 1 = WH (white), 2 = BN (brown), 3 = BK (black), 4 = BU (blue)

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!