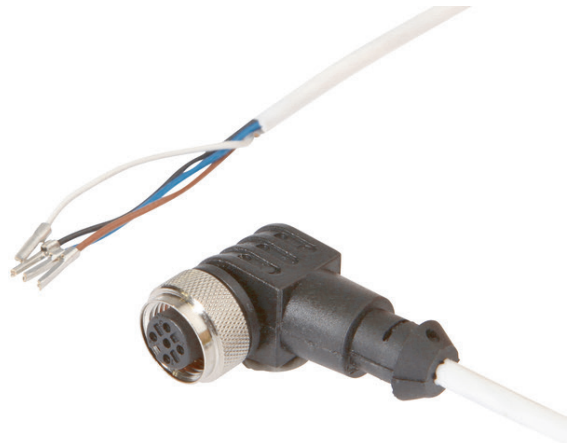


**VK50H321**
**CONNECTION TECHNOLOGY • CABLE SOCKETS /CONNECTORS ONE-SIDED PRE-ASSEMBLED**

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**

Cable length	5 m
Contact body material	CuZn
Degree of protection (IP)	IP65
Increased ambient temperature > 90°C	Yes
Material of cable sheath	PTFE
Number of wires	4
Perm. ambient temperature of cable, fixed cable	-20 °C ... 150 °C
Positioning of cable feed, field side	Angled
Seawater-resistant	Yes
Wire assembly	7 x 0.254mm
Wire cross section	0.34 mm <sup>2</sup>

**ELECTRICAL DATA**

Flow resistance	5 mOhm
Line diameter	3.8 mm
Number of pins	4
Rated current I <sub>n</sub>	4 A
Rated voltage	250 V
Type of electrical connection, field side	M12
Type of electrical connection, housing side	Free conductor end
Type of plug-in contact, field side	Female (socket)
With LED display	No

**OTHER DATA**

Acid and alkali-resistant	Yes
Flame resistant	No
Free of LABS	Yes
Hydrolysis-proof	Yes
IR-networked	No
Oil and cooling lubricants	Yes
Ozone and UV-resistant	Yes

**OTHER DATA**

RoHS-compliant

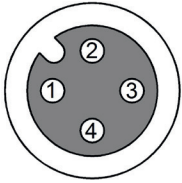
Yes

Suitable for trailing chain and torsion resistant

Yes

Welding area

Yes

**CONNECTION****Colors:** 1 = BN (brown), 2 = WH (white), 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!