

**M12 male recept. A-cod. front incl. nut**

PUR-wires 5x0.34 1m

Art.No.: 7000-13522-9720100

Weight: 0.049 kg

Country of origin: DE

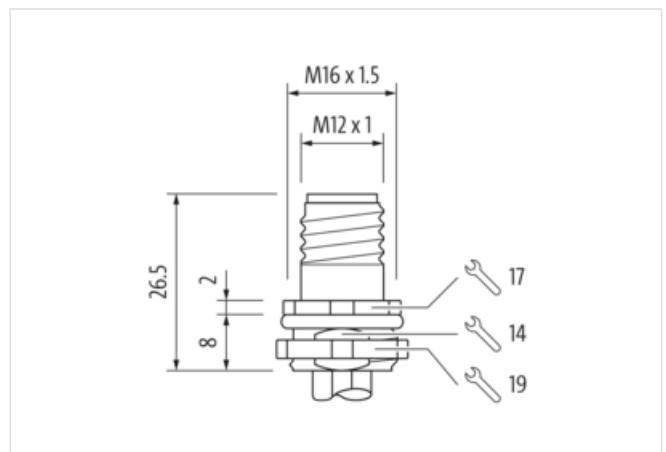
Model designation: MSAFV-U972\_1.0

Flange male

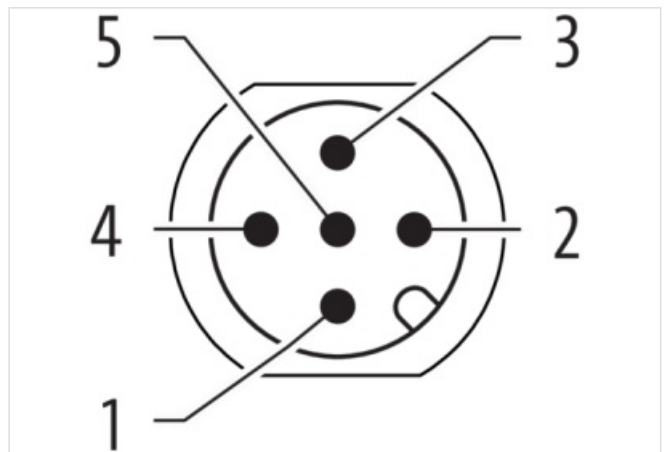
M12, 5-pole

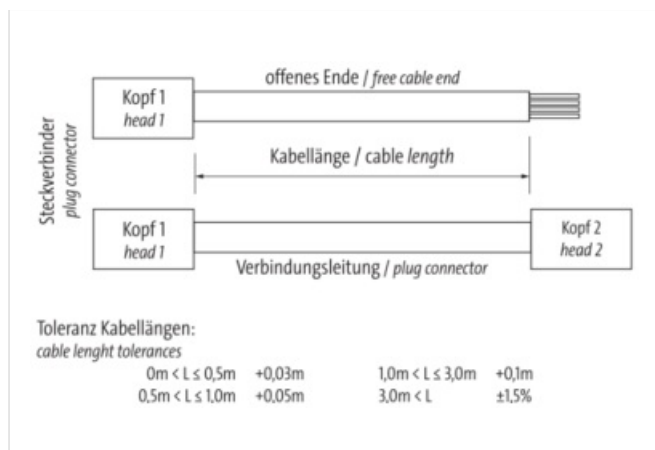
Front mounting

with multi-strand wire

[Link to Product](#)**Illustration**

1	BN
2	WH
3	BU
4	BK
5	GY





Product may differ from Image

**Header**

Cable length 1,00 m

**Side 1**

Family construction form	M12
No. of poles	5
Coding	A
Mounting method	inserted, screwed
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Material	Zinc die-casting
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-13522-9720100">https://shop.murrelektronik.com/7000-13522-9720100</a>
customs tariff number	85444290
EAN	4048879494229
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A

**Diagnostics**

Status indication LED	No
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**Installation | Connection**

Mounting set	M16 x 1.5
Width across flats	SW19

**Device protection | Electrical**

Protection NEMA	6P, 4, 3
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV

Material group (IEC 60664-1)

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**Mechanical data**

Contour for corrugated hose without

**Mechanical data | Material data**

Coating housing	nickel plated
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled

**Mechanical data | Mounting data**

Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde

**Environmental characteristics | Climatic**

Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

**Important installation notes**

Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

**Conformity**

Product standard	EN IEC 61076-2-101 (M12)
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**Approvals**

UL 50E	Yes
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**Temperature range | Cable**

Cable identification	972
Wire arrangement	brown, white, blue, black, gray
Cable weight	38 g/m
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	1,3 mm
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Conductor resistance (wire)	58 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	1.5 kV
Withstand voltage (wire - jacket)	1.5 kV
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C