

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

PUR-wires 5x0.34 0.5m

Art.No.: 7000-13522-9720050

Weight: 0.029 kg

Country of origin: DE

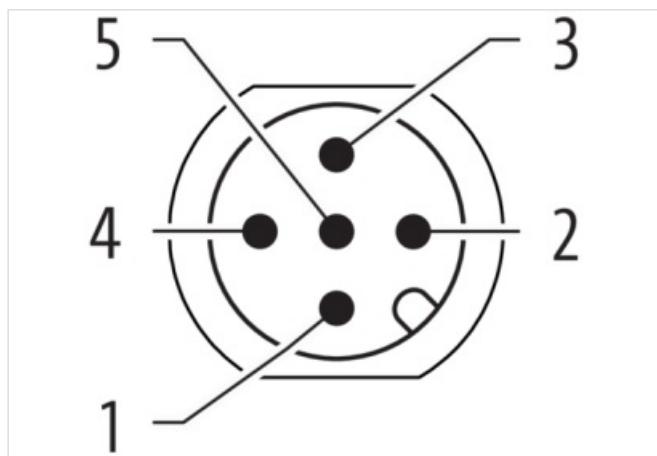
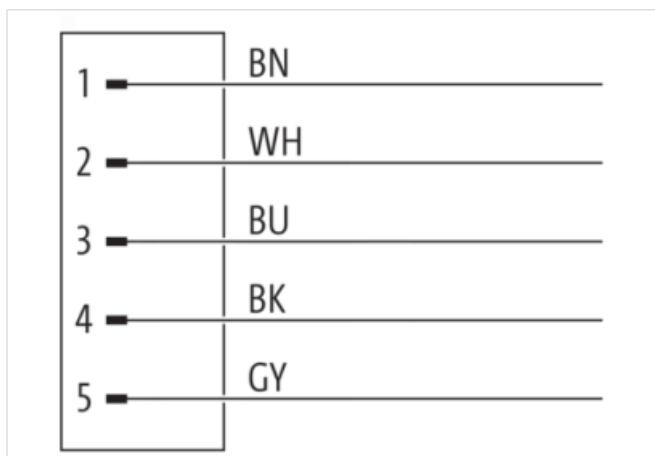
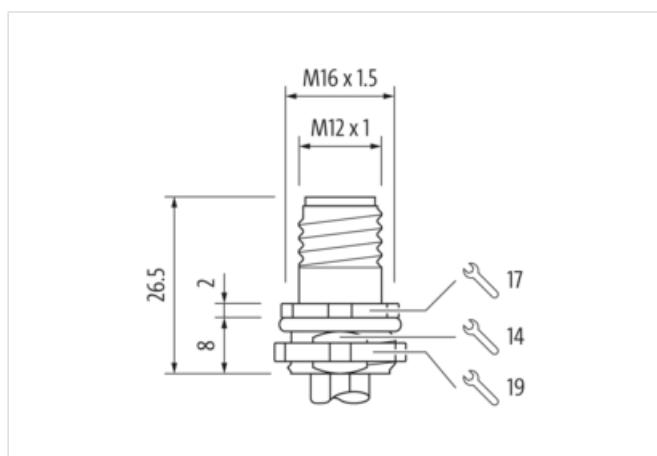
Model designation: MSAFV-U972\_0.5

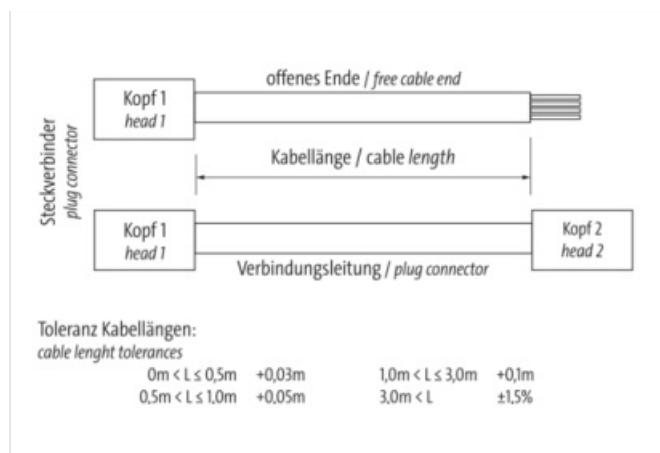
Flange male

M12, 5-pole

Front mounting

with multi-strand wire

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




Product may differ from Image



#### Header

Cable length 0,50 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 <https://shop.murrelektronik.com/7000-13522-9720050>

customs tariff number 85444290

EAN 4048879494212

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

#### 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)

I

**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

Nickel plated

**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

**Attention:** 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)

**Approvals**

UL 50E

Yes

**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