

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

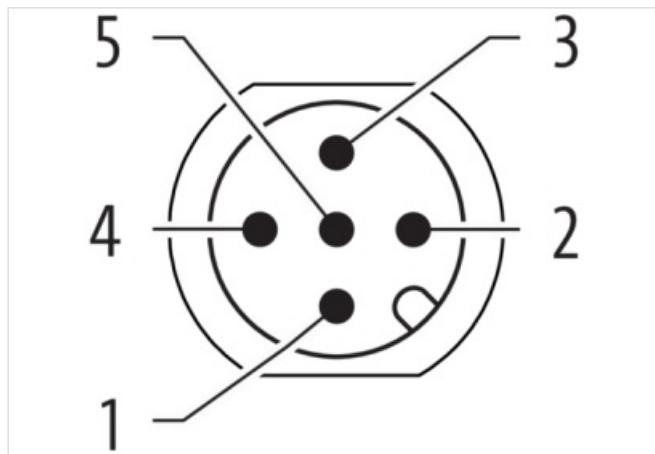
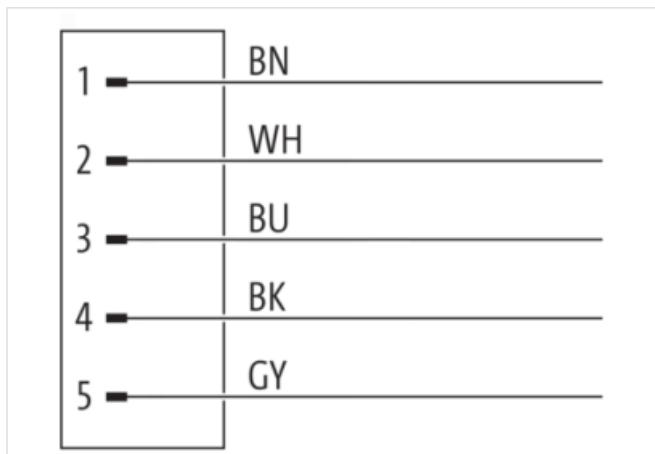
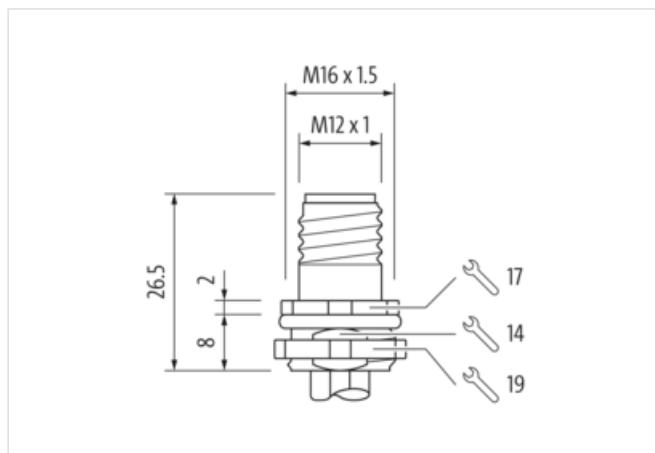
Model designation: MSAFV-U972_1.0

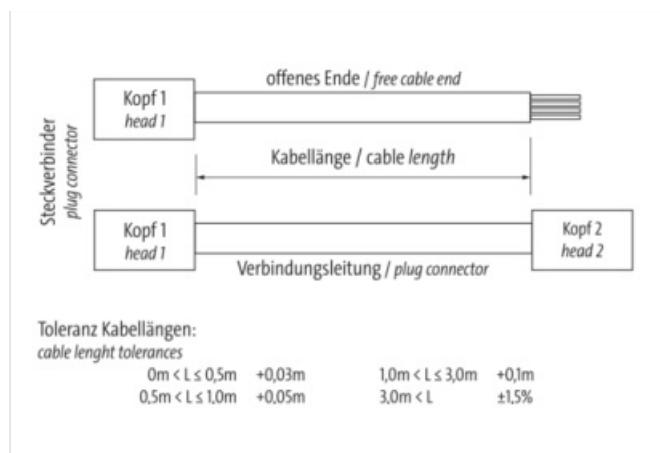
Flange male

M12, 5-pole

Front mounting

with multi-strand wire

[Link to Product](#)
Illustration




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 dataURL Webshop <https://shop.murrelektronik.com/7000-13522-9720100>

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

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 mm²

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