

M12 male recept. A-cod. rear

PUR-wires 5x0.34 2m

Art.No.: 7000-13525-9720200

Weight: 0.095 kg

Country of origin: DE

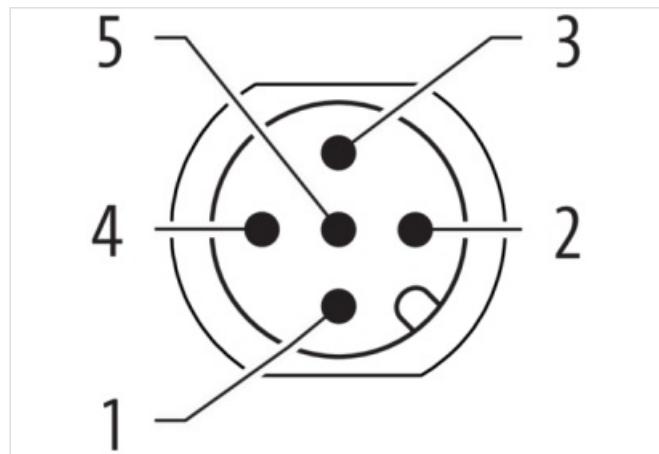
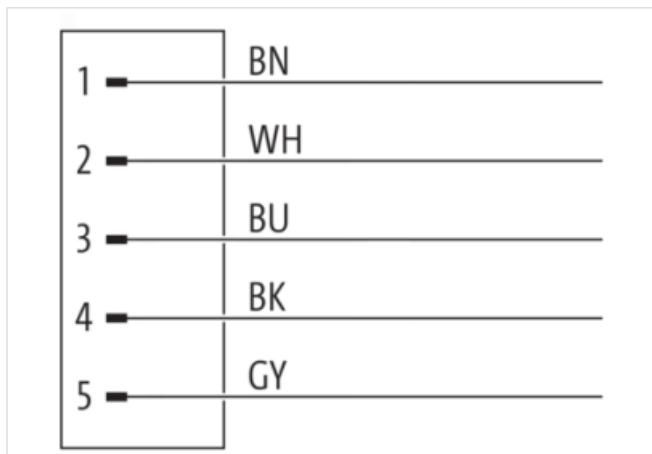
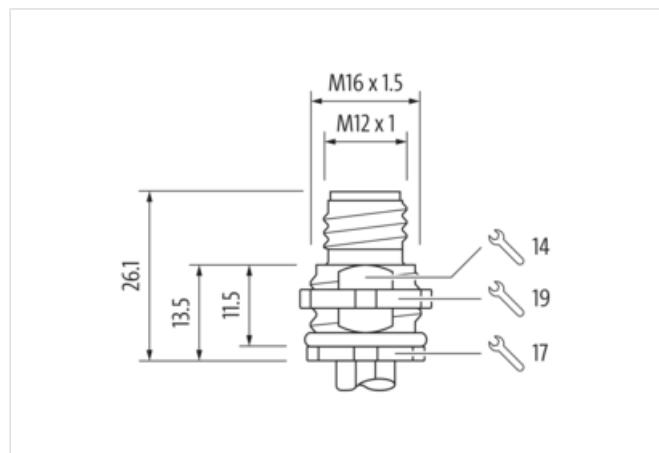
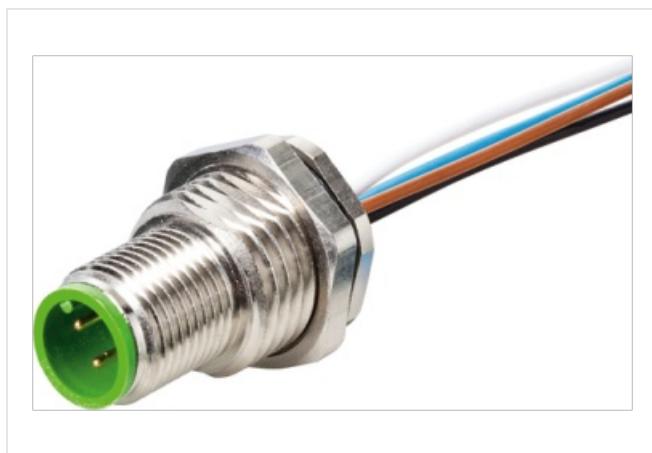
Model designation: MSAFH-U972_2.0

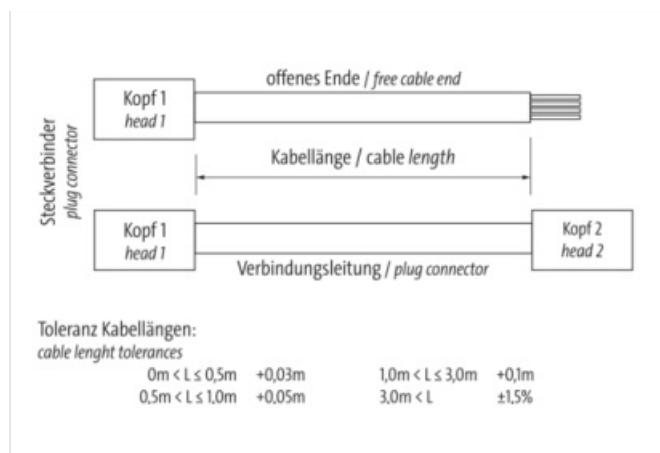
Flange male

M12, 5-pole

Rear mounting

with multi-strand wire

[Link to Product](#)
Illustration




Product may differ from Image



Header

Cable length 2,00 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 Brass

Material contact Copper alloy

Coating contact gold plated

Degree of protection (EN IEC 60529) IP67

Commercial data

URL Webshop <https://shop.murrelektronik.com/7000-13525-9720200>

customs tariff number 85444290

EAN 4065909062340

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	Brass
Coating of fitting	nickel plated
Locking material	Brass
Coating locking	nickel plated
Material gasket	FKM

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)
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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 ²
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