

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

PUR-wires 4x0.34 1m

Art.No.: 7000-13502-9710100

Weight: 0.044

Country of origin: DE

Model designation: MSAFV-T971\_1.0

Flange male

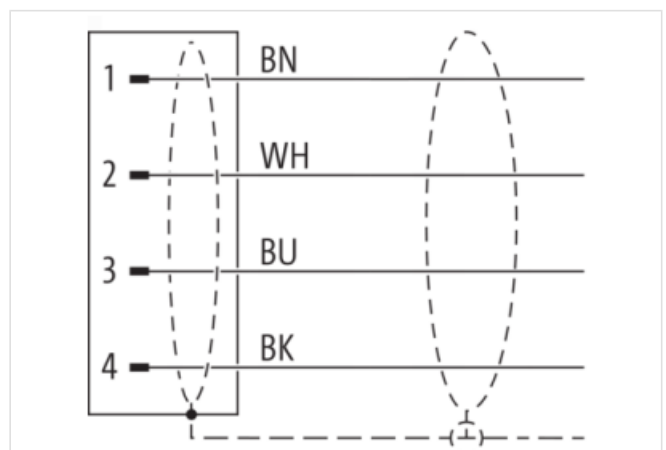
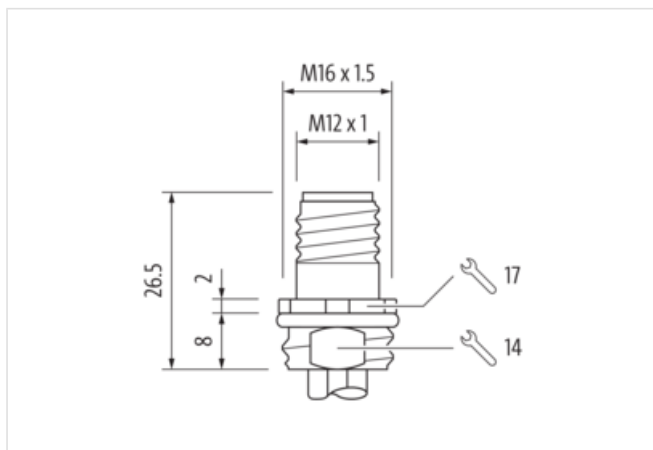
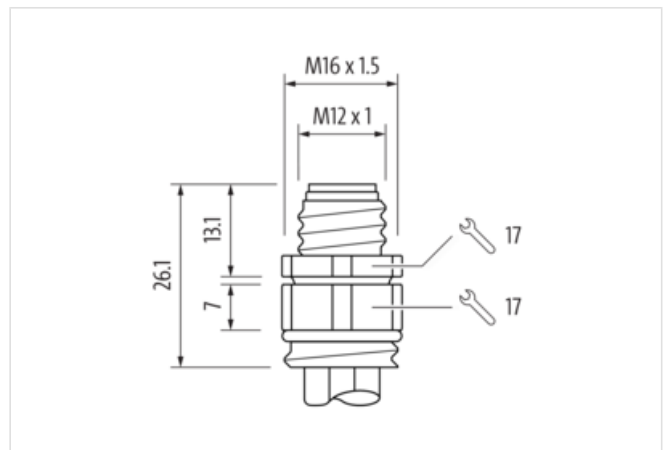
M12, 4-pole

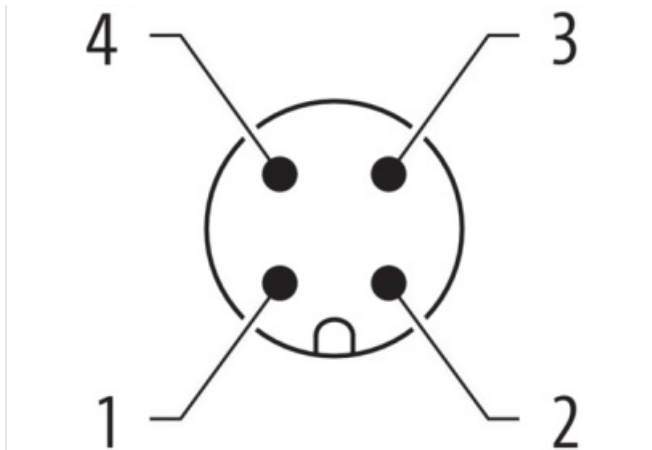
Front mounting

with multi-strand wire

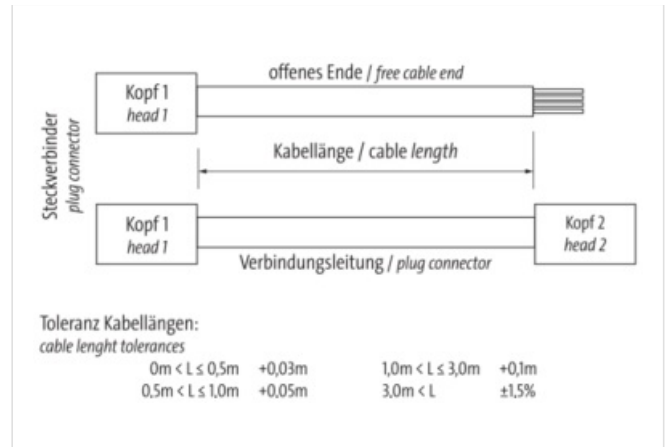
Further cable lengths on request.

The resistance to aggressive media should be individually tested for your application. Further details on request.

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



Product may differ from Image

**Header**

Cable length 1.0 m

**Side 1**

Family construction form	M12
No. of poles	4
Coding	A
Mounting method	inserted, screwed
Thread	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

**Side 2**

Coating contact gold plated

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-13502-9710100">https://shop.murrelektronik.com/7000-13502-9710100</a>
customs tariff number	85444290
EAN	4048879494168
Packaging unit	1

**Electrical data | Supply**

Operating voltage AC max.	250 V
Operating voltage DC max.	250 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	2.5 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	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	DIN EN 61076-2-101 (M12)
------------------	--------------------------

#### Approvals

UL 50E	yes
--------	-----

#### Installation | Cable

Cable identification	971
Material wire insulation	PUR
Amount wires	4
Outer diameter insulation	1.3 mm
Conductor crosssection (wire)	0.34 mm <sup>2</sup>
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Bending radius (fixed)	5 × Outer diameter