

**M12 male recept. A-cod. rear**

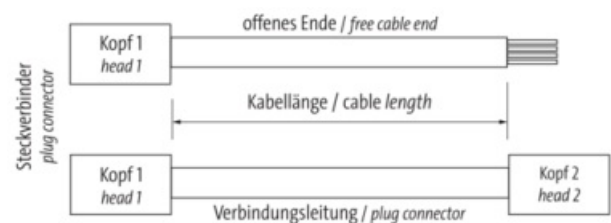
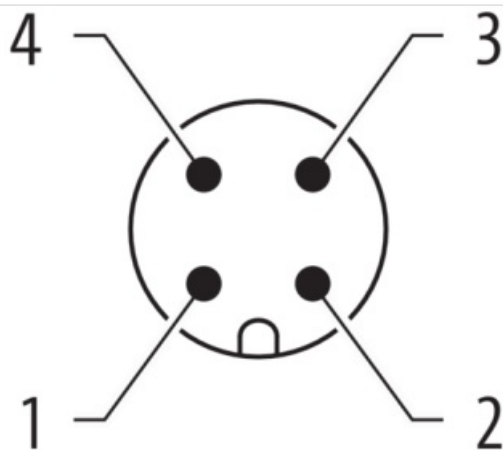
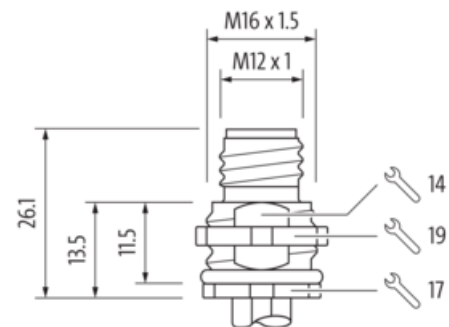
PUR-wires 4x0.34 2m

Art.No.: 7000-13505-9710200

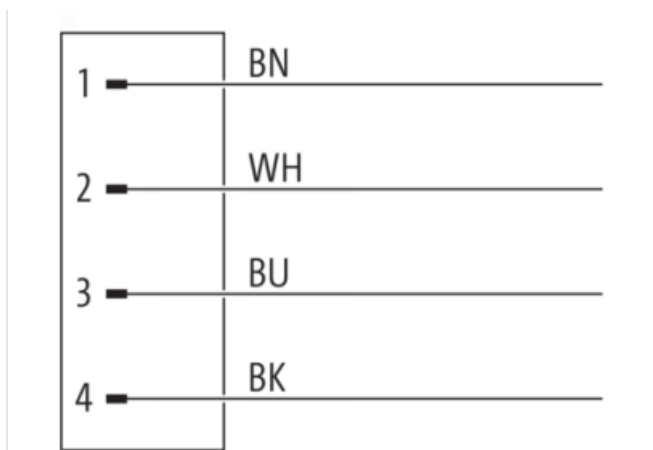
Weight: 0.084

Country of origin: DE

Model designation: MSAFH-T971\_2.0

**[Link to Product](#)****Illustration**Toleranz Kabellängen:  
cable length tolerances

|                 |        |                 |       |
|-----------------|--------|-----------------|-------|
| 0m < L ≤ 0,5m   | +0,03m | 1,0m < L ≤ 3,0m | +0,1m |
| 0,5m < L ≤ 1,0m | +0,05m | 3,0m < L        | ±1,5% |



Product may differ from Image

**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                            | Brass             |
| 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/7000-13505-9710200">https://shop.murrelektronik.com/7000-13505-9710200</a> |
| EAN         | 4065909024997   |

**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**

The information in this Product-PDF has been compiled with the utmost care.  
 Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-05

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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 | <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

|                                      |                      |
|--------------------------------------|----------------------|
| 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   |