

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

PUR-wires 4x0.34 0.2m

Art.No.: 7000-13542-9710020

Weight: 0.017 kg

Country of origin: DE

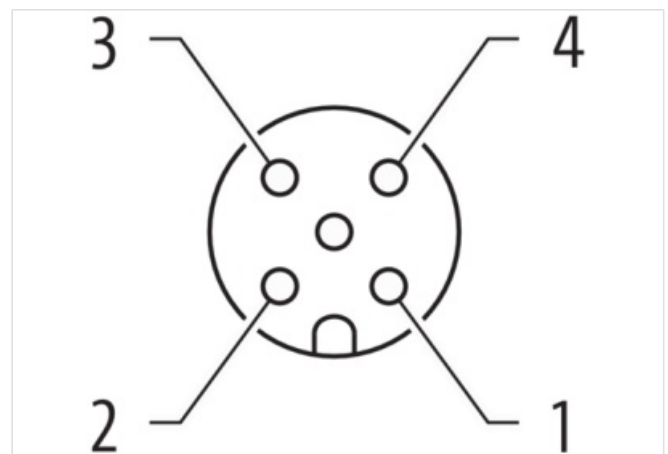
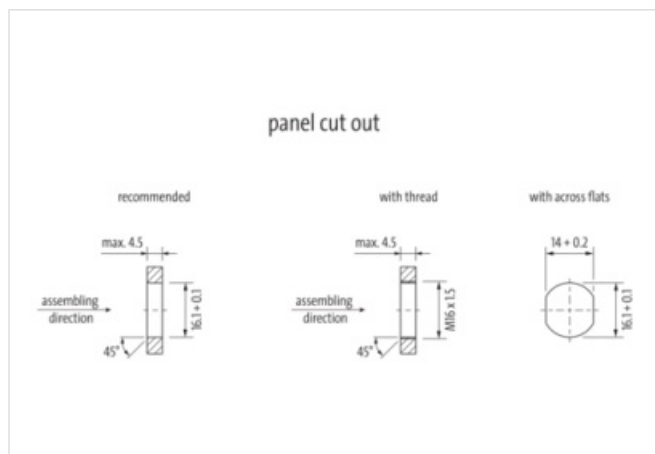
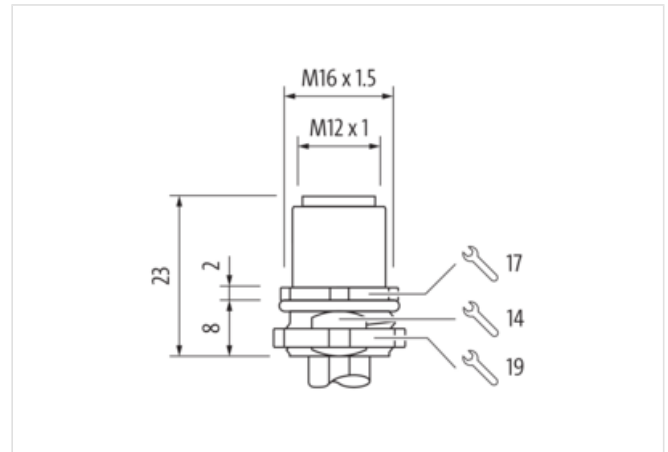
Model designation: MSBFV-T971\_0.2

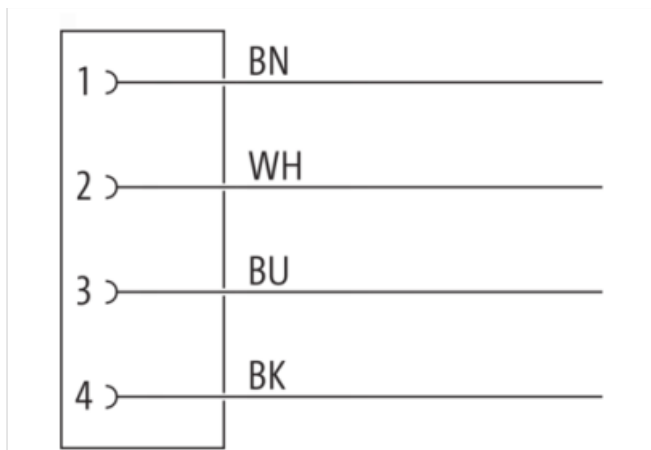
Halogen-free-Material

M12, 4-pole

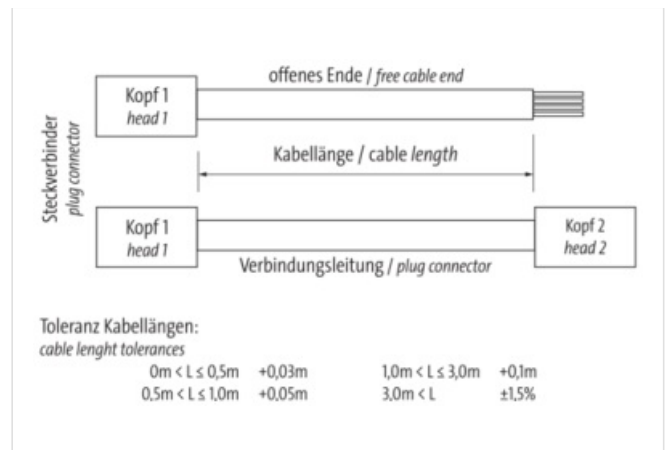
Front mounting

with multi-strand wire

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



Product may differ from Image

**Header**

Cable length 0,20 m

**Side 1**

|                                     |                   |
|-------------------------------------|-------------------|
| Family construction form            | M12               |
| No. of poles                        | 4                 |
| 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           | <a href="https://shop.murrelektronik.com/7000-13542-9710020">https://shop.murrelektronik.com/7000-13542-9710020</a> |
| customs tariff number | 85444290                                                                                                            |
| EAN                   | 4048879494175                                                                                                       |
| 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         |
| 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 | EN IEC 61076-2-101 (M12) |
|------------------|--------------------------|

**Approvals**

|        |     |
|--------|-----|
| UL 50E | Yes |
|--------|-----|

**Installation | Cable**

|                                      |                    |
|--------------------------------------|--------------------|
| Cable identification                 | 971                |
| Cable weight                         | 33 g/m             |
| Material wire insulation             | PUR                |
| Amount wires                         | 4                  |
| Outer diameter insulation            | 1,3 mm             |
| Conductor crosssection (wire)        | 0,34 mm²           |
| Operating temperature min. (static)  | -40 °C             |
| Operating temperature max. (static)  | 90 °C              |
| Operating temperature min. (dynamic) | -25 °C             |
| Operating temperature max. (dynamic) | 90 °C              |
| Bending radius (fixed)               | 5 × Outer diameter |