MURR ELEKTRONIK
stay connected

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

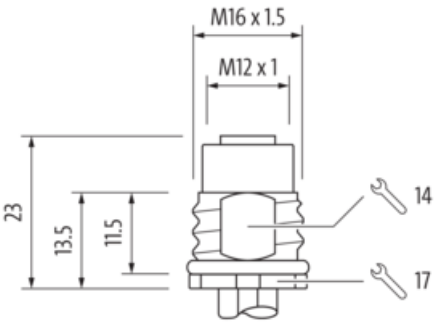
PUR-wires 5x0.34 1m

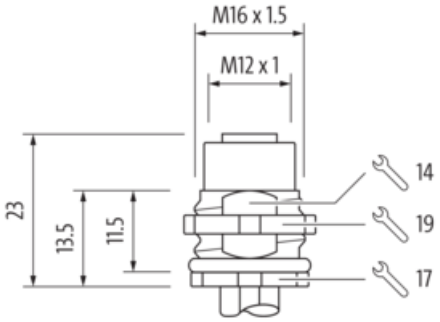
Art.No.: 7000-13565-9720100
Weight: 0.047
Country of origin: DE
Model designation: MSBFH-U972_1.0

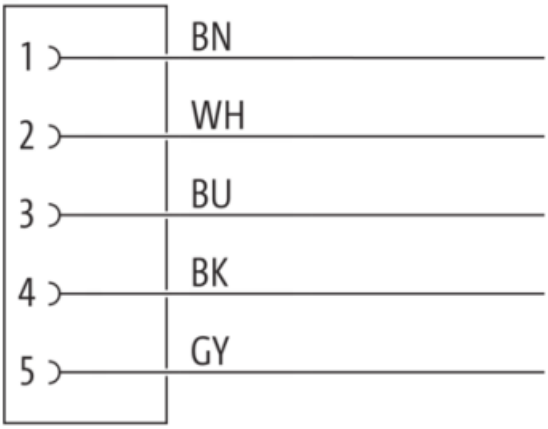
Flange female
M12, 5-pole
Rear mounting
with multi-strand wire

Link to Product

**Illustration**



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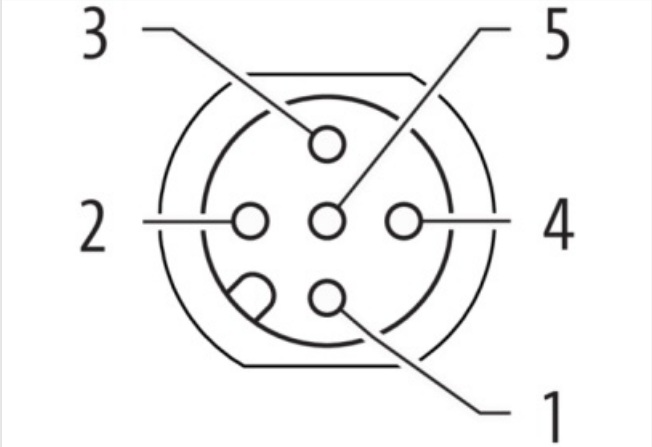


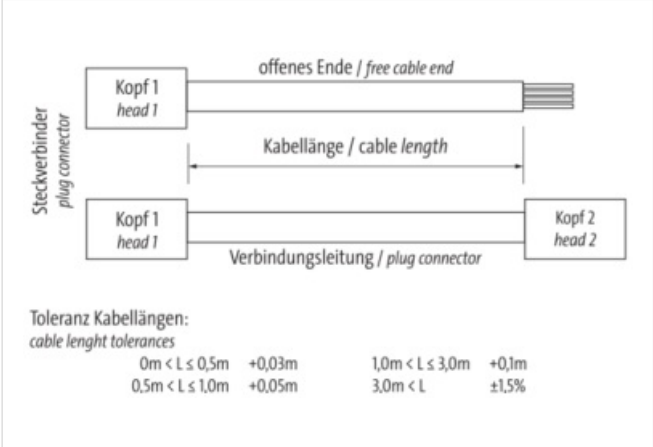


Product may differ from Image

| | |
|---|---|
| **Header** | |
| Cable length | 1,00 m |
| **Side 1** | |
| Family construction form | M12 |
| 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 | https://shop.murrelektronik.com/7000-13565-9720100 |
| customs tariff number | 85444290 |
| EAN | 4048879330275 |
| 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 |

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| | |
|---|---|
| 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) |
| **Approvals** | |
| UL 50E | yes |
| **Temperature range \| Cable** | |
| Cable identification | 972 |
| Cable weigth | 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 AC max. | 300 V |
| Withstand voltage (wire - wire) | 1.5 kV |
| Withstand voltage (wire - jacket) | 1.5 kV |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (static) | 90 °C |
| Operating temperature min. (dynamic) | -25 °C |
| Operating temperature max. (dynamic) | 90 °C |