

**M8 female recept. A-cod. rear**

PUR-wires 3x0.25 0.2m

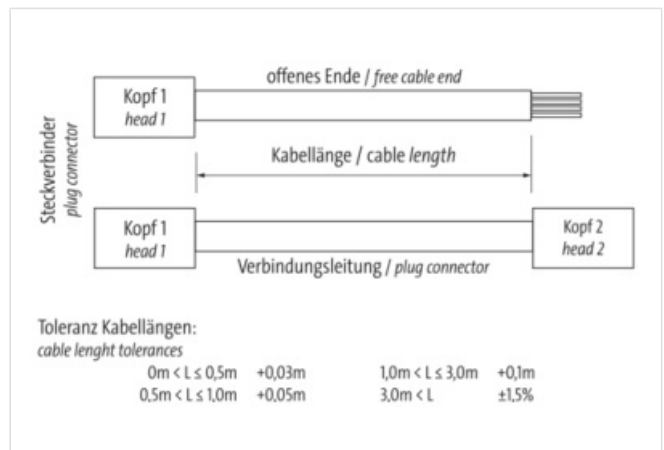
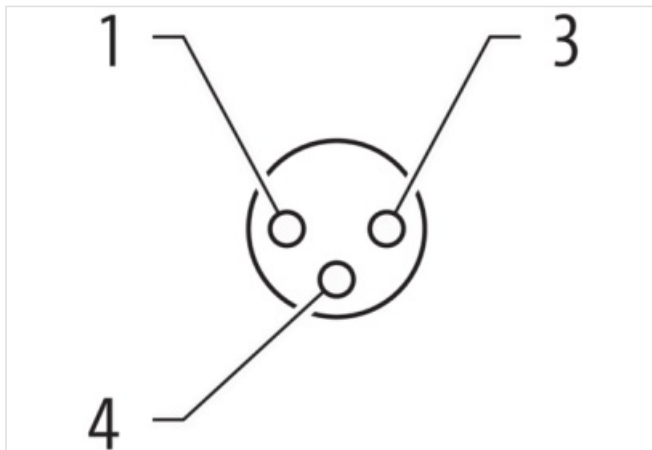
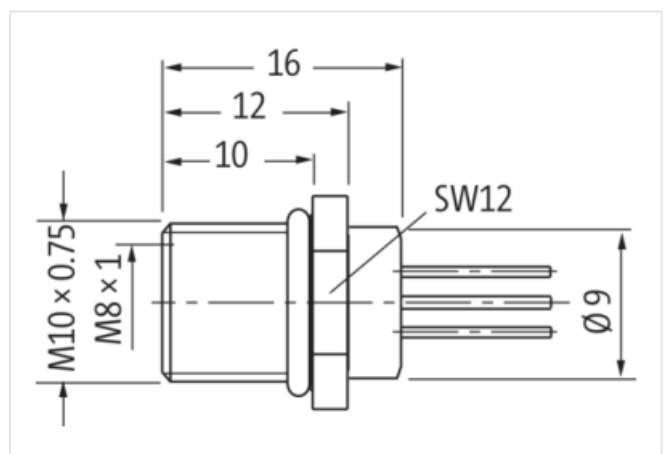
Art.No.: 7000-08575-9700020

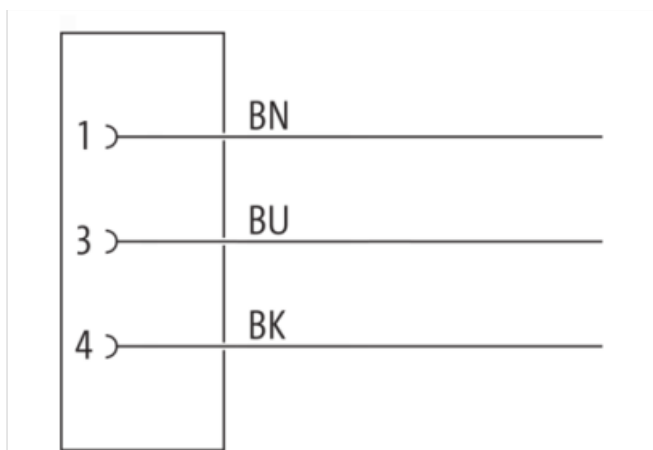
Weight: 0.011

Country of origin: DE

Model designation: MSFFH-R970\_0.2

Flange M8 female  
with multi-strand wire  
3-pole

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



Product may differ from Image

**Header**

|                     |                |
|---------------------|----------------|
| Material short text | MSFFH-R970_0.2 |
| Cable length        | 0.2 m          |

**Side 1**

|                                     |                   |
|-------------------------------------|-------------------|
| Family construction form            | M8                |
| No. of poles                        | 3                 |
| Coding                              | A                 |
| Mounting method                     | inserted, screwed |
| Thread                              | M8 x 1            |
| Tightening torque                   | 0.4 Nm            |
| Material                            | Brass             |
| 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/7000-08575-9700020">https://shop.murrelektronik.com/7000-08575-9700020</a> |
| GTIN          | 4048879435543                                                                                                       |
| ECLASS-6.0    | 27279220                                                                                                            |
| ECLASS-6.1    | 27279220                                                                                                            |
| ECLASS-7.0    | 27440103                                                                                                            |
| ECLASS-7.1    | 27440103                                                                                                            |
| ECLASS-8.0    | 27440103                                                                                                            |
| ECLASS-8.1    | 27440103                                                                                                            |
| ECLASS-9.0    | 27440103                                                                                                            |
| ECLASS-9.1    | 27440109                                                                                                            |
| ECLASS-10.0.1 | 27440109                                                                                                            |
| ECLASS-10.1   | 27440103                                                                                                            |
| ECLASS-11.0   | 27440109                                                                                                            |
| ECLASS-11.1   | 27440103                                                                                                            |
| ECLASS-12.0   | 27440103                                                                                                            |
| ECLASS-13.0   | 27440109                                                                                                            |
| ECLASS-14.0   | 27440109                                                                                                            |
| ETIM-5.0      | EC001855                                                                                                            |

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ETIM-6.0                                        | EC001855                                                                                                                                              |
| ETIM-7.0                                        | EC001855                                                                                                                                              |
| ETIM-8.0                                        | EC001855                                                                                                                                              |
| customs tariff number                           | 85444290                                                                                                                                              |
| EAN                                             | 4048879435543                                                                                                                                         |
| Packaging unit                                  | 1                                                                                                                                                     |
| <b>Electrical data   Supply</b>                 |                                                                                                                                                       |
| Operating voltage AC max.                       | 50 V                                                                                                                                                  |
| Operating voltage DC max.                       | 60 V                                                                                                                                                  |
| Current operating per contact max.              | 4 A                                                                                                                                                   |
| <b>Diagnostics</b>                              |                                                                                                                                                       |
| Status indication LED                           | no                                                                                                                                                    |
| <b>Installation   Connection</b>                |                                                                                                                                                       |
| Mounting set                                    | M8 x 1                                                                                                                                                |
| <b>Device protection   Electrical</b>           |                                                                                                                                                       |
| Degree of protection (EN IEC 60529)             | IP67                                                                                                                                                  |
| 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                                                                                                                                                     |
| <b>Mechanical data   Material data</b>          |                                                                                                                                                       |
| Material screw connection                       | Brass                                                                                                                                                 |
| Coating of fitting                              | nickel plated                                                                                                                                         |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | Schraubgewinde                                                                                                                                        |
| Looking techniques                              | Schraubgewinde                                                                                                                                        |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -30 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| Additional condition temperature range          | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| 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.                                                   |
| <b>Conformity</b>                               |                                                                                                                                                       |
| Product standard                                | DIN EN 61076-2-104 (M8)                                                                                                                               |
| <b>Approvals</b>                                |                                                                                                                                                       |
| UL 50E                                          | yes                                                                                                                                                   |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| Cable identification                            | 970                                                                                                                                                   |
| Wire arrangement                                | brown, black, blue                                                                                                                                    |
| Material wire insulation                        | PP                                                                                                                                                    |
| Amount wires                                    | 3                                                                                                                                                     |
| Outer diameter insulation                       | 1.25 mm                                                                                                                                               |
| Conductor crosssection (wire)                   | 0.25 mm²                                                                                                                                              |
| 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