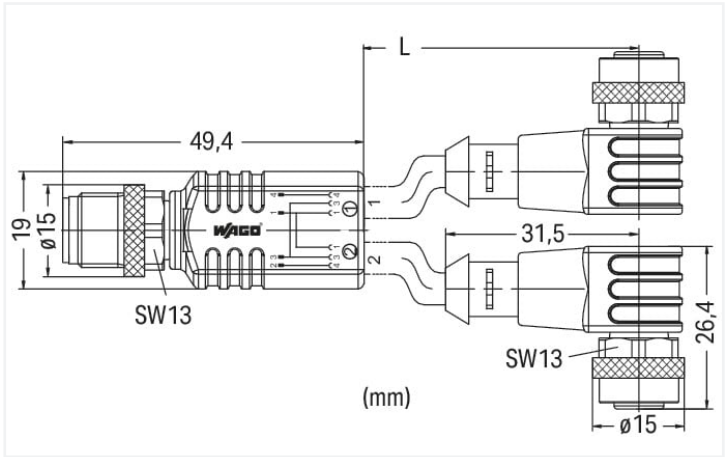
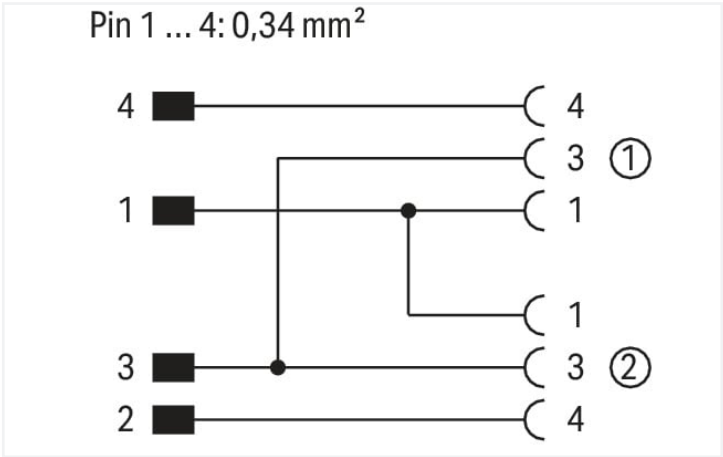
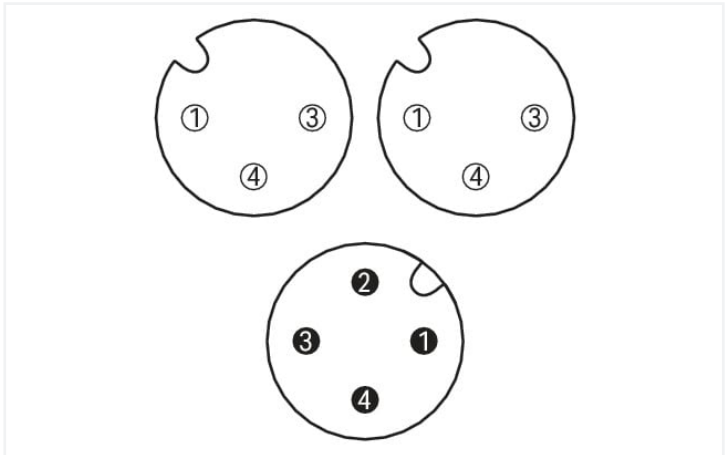




Similar to illustration



- Short description:**
- PUR, halogen-free
  - Suitable for drag chains
  - High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
  - High chemical resistance
  - Cable used: UL listed

| Technical data                            |                     |                               |                            |
|-------------------------------------------|---------------------|-------------------------------|----------------------------|
| General information                       |                     | Drag chain compatible         |                            |
| Operating voltage                         | 250 VAC/DC          | Bending radius                | 10 x cable diameter (min.) |
| Operating current                         | 4 A                 | Bending cycles                | 2 million                  |
| Rated surge voltage                       | 2.5 kV              | Acceleration (min.)           | 5 m/s <sup>2</sup>         |
| Insulation resistance                     | > 10 <sup>9</sup> Ω | Travel speed (max.)           | 3.33 m/s                   |
| Contact resistance                        | 10 mΩ               | Travel path (horizontal) max. | 5 m                        |
| Conductor resistance                      | ≤ 60 Ω/km           | Travel path (vertical) max.   | 2 m                        |
| Pollution degree                          | 3 per VDE 0110      | Torsional capacity            | 180 °/m                    |
| Protection type                           | IP67                |                               |                            |
| Ambient (operating) temperature (static)  | -50 ... +90 °C      |                               |                            |
| Ambient (operating) temperature (dynamic) | -25 ... +90 °C      |                               |                            |



| Cable                   |                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------|
| Cable length            | 2 m                                                                                                           |
| Type code               | LiF9YH-11YH or LiF9YC11YFHF                                                                                   |
| Conductor configuration | Bare copper wire, fine-stranded (42 x 0.1 mm)                                                                 |
| Conductor insulation    | PP9Y (halogen-free)                                                                                           |
| Sheath material         | Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing |
| Sheathed cable color    | black                                                                                                         |
| Sheathed cable diameter | 4.5 ... 4.9 mm                                                                                                |

| Connector                                          |                                   |
|----------------------------------------------------|-----------------------------------|
| Connection type                                    | M12 Socket; M12 Socket - M12 plug |
| Pole number                                        | 4                                 |
| Cable connection direction to mating direction     | 90 °                              |
| Cable connection direction to mating direction (2) | 0 °                               |
| Connector interface coding (cable/adapter) 1 1     | A-coded                           |
| Connector interface coding (cable/adapter) 1 2     | A-coded                           |
| Connector interface coding (cable/adapter) 2 1     | A-coded                           |
| Housing material                                   | Polyurethane (PUR)                |
| Contact material                                   | CuSn                              |
| Tightening torque                                  | 1 Nm                              |

| Commercial data       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-06-03-11   |
| eCl@ss 9.0            | 27-06-03-11   |
| ETIM 8.0              | EC001855      |
| ETIM 7.0              | EC001855      |
| PU (SPU)              | 10 (1) pcs    |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4044918994897 |
| Customs tariff number | 85444290900   |

| Environmental Product Compliance          |                                       |
|-------------------------------------------|---------------------------------------|
| CAS-No.                                   | 7439-92-1                             |
| REACH Candidate List Substance            | Lead                                  |
| RoHS Compliance Status                    | Compliant,With Exemption              |
| RoHS Exemption                            | 6(c)                                  |
| SCIP notification number (Austria)        | ef5a2abd-a9ce-432a-be5c-e996af16c6f1  |
| SCIP notification number (Belgium)        | cd4df83a-6f8e-4c25-9465-08b3da9f9f1a  |
| SCIP notification number (Bulgaria)       | 72f74441-5102-4f1d-b91b-29351577ec52  |
| SCIP notification number (Czech Republic) | 209d3ef9-29c8-4d35-9545-2da924a5fd46  |
| SCIP notification number (Denmark)        | 70781f52-3afb-4eaa-8a8b-a37a53f71175  |
| SCIP notification number (Finland)        | 34e810b3-8beb-46f1-997e-374d6bbcbca31 |
| SCIP notification number (France)         | c8a41a04-6861-406a-9f41-ccfb0f6e08b8  |
| SCIP notification number (Germany)        | ae088562-9e90-42af-907f-01f2b13e80f6  |
| SCIP notification number (Hungary)        | 77b8f843-f9b7-4788-b4fe-be6451a7c887  |
| SCIP notification number (Italy)          | 3093c5b4-5722-4443-bcbe-c768e086d59b  |
| SCIP notification number (Netherlands)    | aecf892d-cab5-4904-9151-6d91ff468547  |
| SCIP notification number (Poland)         | 78602f9d-192a-4b8f-8141-5db999ea5b80  |
| SCIP notification number (Romania)        | aab76e9b-6678-4b6b-bbf7-b1fe6e3e3661  |
| SCIP notification number (Sweden)         | 34fcc9f4-6555-4ec2-913f-b378dd4db726  |



| Downloads                                            |                   |
|------------------------------------------------------|-------------------|
| Environmental Product Compliance                     |                   |
| Compliance Search                                    |                   |
| Environmental Product Compliance<br>756-5517/040-020 | <a href="#">↓</a> |

| Documentation                         |                  |                                |                                      |
|---------------------------------------|------------------|--------------------------------|--------------------------------------|
| System Description                    |                  | Bid Text                       |                                      |
| IP67 Cables and Plug-gable Connectors | pdf<br>157.80 KB | 756-5517/040-020<br>19.02.2019 | xml<br>3.14 KB<br><a href="#">↓</a>  |
|                                       |                  | 756-5517/040-020<br>20.09.2017 | doc<br>26.50 KB<br><a href="#">↓</a> |

| CAD/CAE-Data                       |                   |
|------------------------------------|-------------------|
| CAE data                           |                   |
| WSCAD Universe<br>756-5517/040-020 | <a href="#">↓</a> |