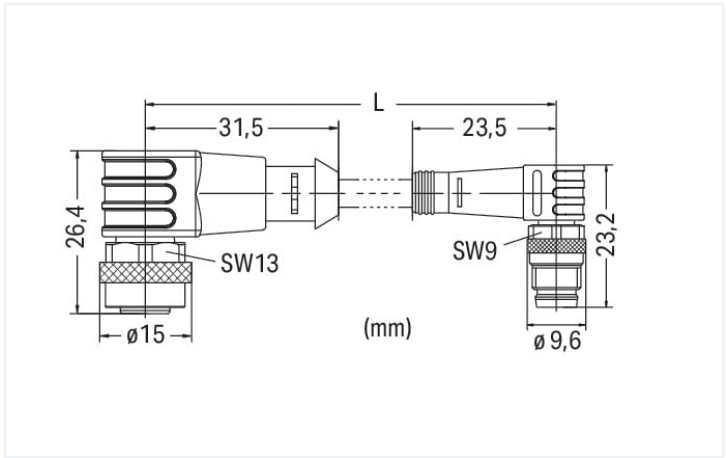
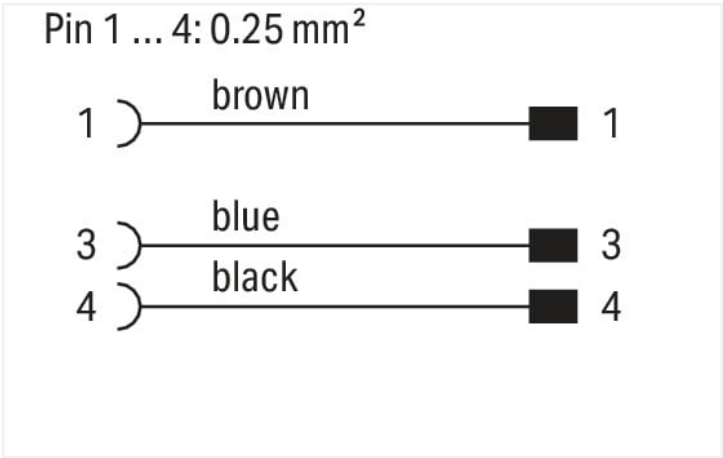
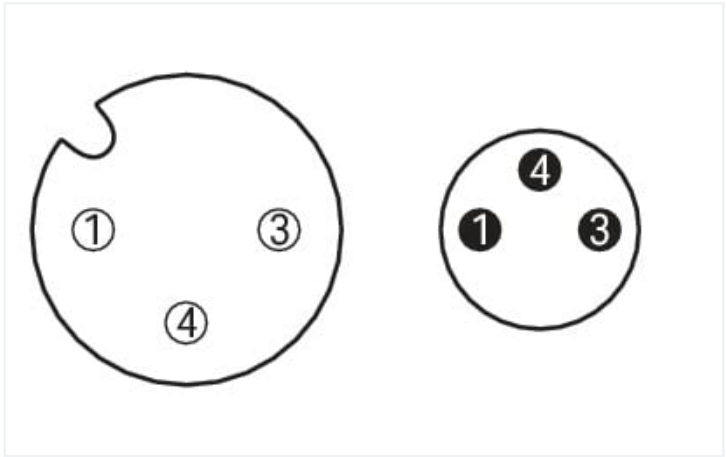




Similar to illustration



Dimensions in mm

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

| Technical data                            |                     |                               |                            |
|-------------------------------------------|---------------------|-------------------------------|----------------------------|
| General information                       |                     | Drag chain compatible         |                            |
| Operating voltage                         | AC/DC 60 V          | Bending radius                | 10 x cable diameter (min.) |
| Operating current                         | 4 A                 | Bending cycles                | 2 million                  |
| Rated surge voltage                       | 1.5 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            | 1 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 | 3.9 ... 4.3 mm                                                                                                |

| Connector                                          |                      |
|----------------------------------------------------|----------------------|
| Connection type                                    | M12 Socket - M8 plug |
| Pole number                                        | 3                    |
| Cable connection direction to mating direction     | 90 °                 |
| Cable connection direction to mating direction (2) | 90 °                 |
| Connector interface coding (cable/adaptor) 1 1     | A-coded              |
| Housing material                                   | Polyurethane (PUR)   |
| Contact material                                   | CuSn                 |
| Tightening torque                                  | 0.6 ... 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                  | 4044918974844 |
| 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)        | 476103e7-251b-49c1-bb45-e5c051eb6105 |
| SCIP notification number (Belgium)        | 434aa30e-afc3-493e-ac07-b903e70bec5d |
| SCIP notification number (Bulgaria)       | 11e020ba-6f3e-43c1-a87a-fda9324ab8c8 |
| SCIP notification number (Czech Republic) | 96178905-00b9-42e0-bef0-f2f88e1b9ba8 |
| SCIP notification number (Denmark)        | f60312fd-61fa-465d-810e-cc026ca352cb |
| SCIP notification number (Finland)        | dd25563c-1680-4b6f-a13c-9cdb41bc7f90 |
| SCIP notification number (France)         | c547ae65-7b12-4124-99ea-9ceedcc00fff |
| SCIP notification number (Germany)        | cca9a524-a475-460e-be11-cc304185cf85 |
| SCIP notification number (Hungary)        | 52138419-fead-4fab-a863-8f51e8384660 |
| SCIP notification number (Italy)          | e1a0a190-a02a-4af7-9f42-7c8432634257 |
| SCIP notification number (Netherlands)    | 2ab136e8-3146-49a0-a308-bb2f1568517f |
| SCIP notification number (Poland)         | 96399986-a646-48c5-9ceb-c8a4268bf9d4 |
| SCIP notification number (Romania)        | 9bfeede5-ad41-4e16-8179-4d8471e80c68 |
| SCIP notification number (Sweden)         | 0216b120-47f9-48cf-a204-f01a228a2f60 |

| System Description                        |                  |                                                                                   | Bid Text         |            |                 |                                                                                     |
|-------------------------------------------|------------------|-----------------------------------------------------------------------------------|------------------|------------|-----------------|-------------------------------------------------------------------------------------|
| IP67 Cables and Plug-<br>gable Connectors | pdf<br>157.80 KB |  | 756-5504/030-010 | 19.02.2019 | xml<br>3.21 KB  |  |
|                                           |                  |                                                                                   | 756-5504/030-010 | 20.09.2017 | doc<br>26.00 KB |  |

|                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|
| CAE data                                                                                                             |
| WSCAD Universe<br>756-5504/030-010  |