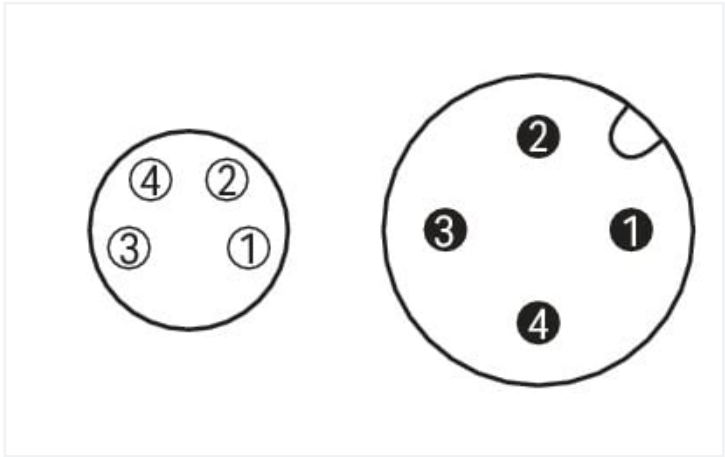


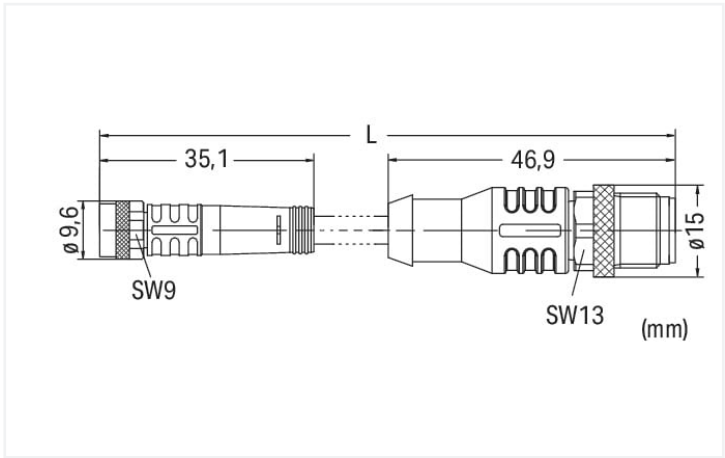


Similar to illustration



Pin 1 ... 4: 0.25 mm<sup>2</sup>

|   |       |   |
|---|-------|---|
| 1 | brown | 1 |
| 2 | white | 2 |
| 3 | blue  | 3 |
| 4 | black | 4 |



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                                    | M8 socket - M12 plug |
| Pole number                                        | 4                    |
| Cable connection direction to mating direction     | 0 °                  |
| Cable connection direction to mating direction (2) | 0 °                  |
| Connector interface coding (cable/adaptor) 2 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                  | 4044918975933 |
| 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)        | 6f88415c-e75d-482d-b094-f928a038006a |
| SCIP notification number (Belgium)        | 5df28cd2-73a2-4a46-8470-32c9c124f46b |
| SCIP notification number (Bulgaria)       | ca9b36fb-fcb3-4bbb-bc0b-f43cceb210dd |
| SCIP notification number (Czech Republic) | 93d40bea-6b40-4a79-8c5d-69fdb6f5cd5e |
| SCIP notification number (Denmark)        | 77042ee7-9962-45c5-95d0-036c90e2812c |
| SCIP notification number (Finland)        | d968288e-c97b-46fc-98aa-8f19e60928b7 |
| SCIP notification number (France)         | c9fdc16e-f992-4388-b721-49426a9408f0 |
| SCIP notification number (Germany)        | 6217b292-2b60-42ad-bd6e-6fe9b5695361 |
| SCIP notification number (Hungary)        | a35afd53-0b84-4067-a53d-7a8d93470395 |
| SCIP notification number (Italy)          | a6a156e0-2338-43ab-9739-1a59bef95fb9 |
| SCIP notification number (Netherlands)    | aebe724f-5423-4689-ab94-ae57f37a811a |
| SCIP notification number (Poland)         | ef4f998e-e220-47d5-84a9-0ab7d6c2ace4 |
| SCIP notification number (Romania)        | 0e8ce2c3-a515-473c-b517-9dbf9558ba03 |
| SCIP notification number (Sweden)         | 9ca147f5-b280-4511-bd58-c14969161ac3 |



| Downloads                                            |                   |
|------------------------------------------------------|-------------------|
| Environmental Product Compliance                     |                   |
| Compliance Search                                    |                   |
| Environmental Product Compliance<br>756-5507/040-010 | <a href="#">↓</a> |

| Documentation                         |                  |                                |                                      |
|---------------------------------------|------------------|--------------------------------|--------------------------------------|
| System Description                    |                  | Bid Text                       |                                      |
| IP67 Cables and Plug-gable Connectors | pdf<br>157.80 KB | 756-5507/040-010<br>19.02.2019 | xml<br>3.23 KB<br><a href="#">↓</a>  |
|                                       |                  | 756-5507/040-010<br>20.09.2017 | doc<br>25.50 KB<br><a href="#">↓</a> |

| CAD/CAE-Data                       |                   |
|------------------------------------|-------------------|
| CAE data                           |                   |
| WSCAD Universe<br>756-5507/040-010 | <a href="#">↓</a> |