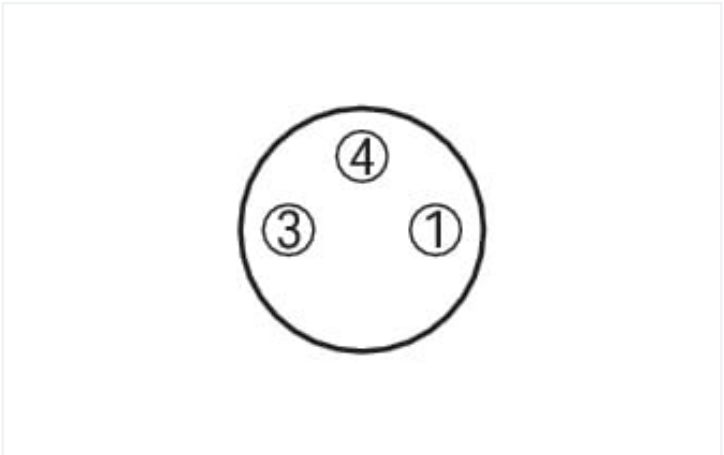
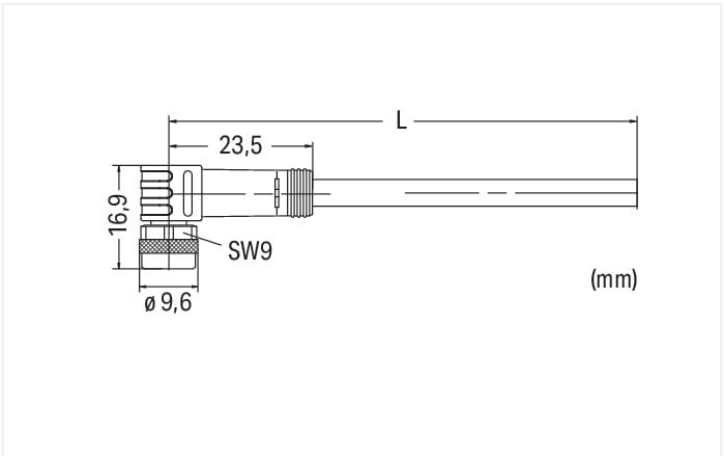




Similar to illustration

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

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



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            | 1.5 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 - free end |
| Pole number                                    | 3                    |
| Cable connection direction to mating direction | 90 °                 |
| Housing material                               | Polyurethane (PUR)   |
| Contact material                               | CuSn                 |
| Tightening torque                              | 0.6 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)              | 1 pcs         |
| Packaging type        | Box           |
| Country of origin     | CZ            |
| GTIN                  | 4044918973311 |
| 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)        | 483208b0-c958-4f22-8924-b91ec3ec3ed2 |
| SCIP notification number (Belgium)        | 00d4ea08-65a4-452d-b280-6641300715b2 |
| SCIP notification number (Bulgaria)       | e93dbeee-8d32-4375-adc7-b573a76cfc07 |
| SCIP notification number (Czech Republic) | 5326b54e-fa75-4da4-b08e-05c4faf37d47 |
| SCIP notification number (Denmark)        | 792a24f2-0151-4809-932e-93f073ab81ac |
| SCIP notification number (Finland)        | abdae9a8-b82c-4d6c-913a-bef03d14de23 |
| SCIP notification number (France)         | efe4cc73-a89f-4f30-ac90-4d1114e9e05f |
| SCIP notification number (Germany)        | 4885b0dd-71fd-4396-88b9-d1b5fe326e54 |
| SCIP notification number (Hungary)        | b1ad8225-f784-426e-9e50-6696405a69b7 |
| SCIP notification number (Italy)          | 14faac97-0b11-4eb8-adc9-9d829703ac9a |
| SCIP notification number (Netherlands)    | cb7200ad-eb60-4e5d-a753-1776dfb0ab5f |
| SCIP notification number (Poland)         | d5e107ee-2e01-4cf0-b967-10bdb0d96482 |
| SCIP notification number (Romania)        | 740539ea-8c67-4289-8506-051864648e27 |
| SCIP notification number (Sweden)         | a5563e51-b688-4d1c-870f-e03576cb575a |

Approvals / Certificates

General approvals



| Approval                                | Standard | Certificate Name |
|-----------------------------------------|----------|------------------|
| UL<br>Underwriters Laboratories<br>Inc. | UL 2238  | E519602          |



| Downloads                        |                  |  |  |
|----------------------------------|------------------|--|--|
| Environmental Product Compliance |                  |  |  |
| Compliance Search                |                  |  |  |
| Environmental Product Compliance | 756-5102/030-015 |  |  |

| Documentation                         |     |           |                  |          |
|---------------------------------------|-----|-----------|------------------|----------|
| System Description                    |     |           | Bid Text         |          |
| IP67 Cables and Plug-gable Connectors | pdf | 157.80 KB | 756-5102/030-015 |          |
|                                       |     |           | 19.02.2019       | xml      |
|                                       |     |           |                  | 3.21 KB  |
|                                       |     |           | 756-5102/030-015 |          |
|                                       |     |           | 20.09.2017       | doc      |
|                                       |     |           |                  | 25.50 KB |

| CAD/CAE-Data   |                  |  |  |
|----------------|------------------|--|--|
| CAE data       |                  |  |  |
| WSCAD Universe | 756-5102/030-015 |  |  |