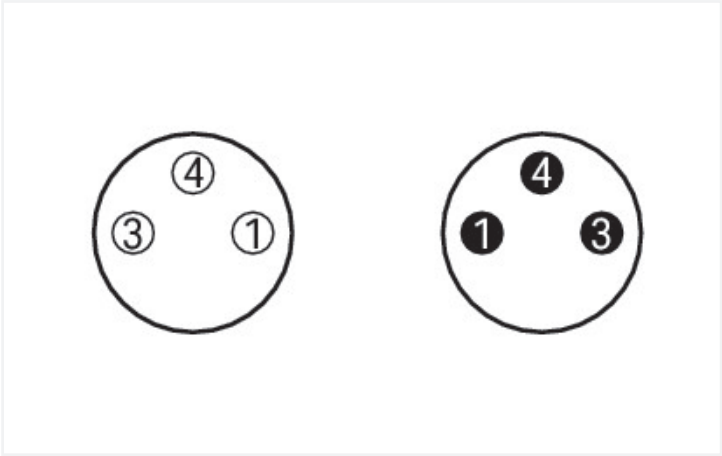
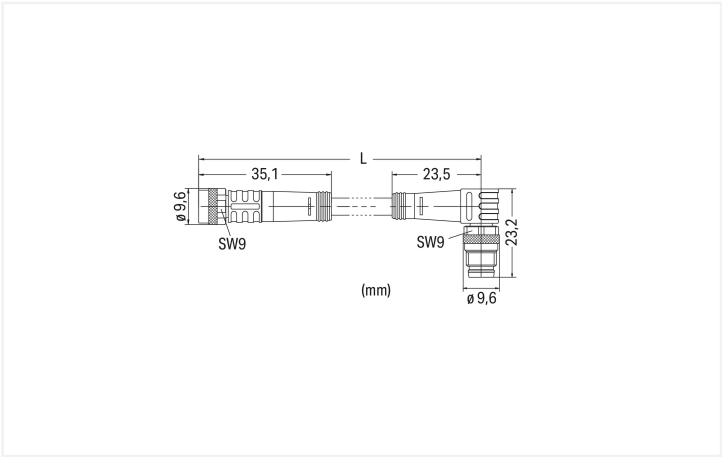




Similar to illustration

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

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



Dimensions in mm

- 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                      |                    | General information                       |                |
| Operating voltage                        | 60 VAC/DC          | Ambient (operating) temperature (dynamic) | -25 ... +90 °C |
| Operating current                        | 4 A                |                                           |                |
| Rated impulse withstand voltage          | 1.5 kV             |                                           |                |
| Insulation resistance                    | >10 <sup>9</sup> Ω |                                           |                |
| Contact resistance                       | 10 mΩ              |                                           |                |
| Conductor resistance                     | ≤ 60 Ω/km          |                                           |                |
| Pollution degree                         | 3 per VDE 0110     |                                           |                |
| Protection type                          | IP67               |                                           |                |
| Ambient (operating) temperature (static) | -50 ... +90 °C     |                                           |                |



| Drag chain compatible         |                            |
|-------------------------------|----------------------------|
| Bending radius                | 10 x cable diameter (min.) |
| Bending cycles                | 2 million                  |
| Acceleration (min.)           | 5 m/s²                     |
| Travel speed (max.)           | 3.33 m/s                   |
| Travel path (horizontal) max. | 5 m                        |
| Travel path (vertical) max.   | 2 m                        |
| Torsional capacity            | 180 °/m                    |

| Connector                                          |                     |
|----------------------------------------------------|---------------------|
| Connection type                                    | M8 socket - M8 plug |
| Pole number                                        | 3                   |
| Cable connection direction to mating direction     | 0 °                 |
| Cable connection direction to mating direction (2) | 90 °                |
| Housing material                                   | Polyurethane (PUR)  |
| Contact material                                   | CuSn                |
| Tightening torque                                  | 0.6 Nm              |

| Commercial data       |               |
|-----------------------|---------------|
| PU (SPU)              | 10 (1) pcs    |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4044918974578 |
| Customs tariff number | 85444290900   |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 26121604             |
| eCl@ss 10.0            | 27-06-03-11          |
| eCl@ss 9.0             | 27-06-03-11          |
| ETIM 9.0               | EC001855             |
| ETIM 10.0              | EC001855             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance          |                                      |
|-------------------------------------------|--------------------------------------|
| RoHS Compliance Status                    | Compliant,With Exemption             |
| RoHS Exemption                            | 6(c)                                 |
| SCIP notification number (Austria)        | 6a4774c4-8f01-4961-98d8-f0974fed2fba |
| SCIP notification number (Belgium)        | 5ca78889-9477-407e-ad4a-4fc337775556 |
| SCIP notification number (Bulgaria)       | d01ec0bb-7ad8-4f43-9697-b9f2f0cd8c6b |
| SCIP notification number (Czech Republic) | 8d274a1e-b8b0-4b88-9c9d-b34c85f451b7 |
| SCIP notification number (Denmark)        | a4dc4e43-174e-4e93-bc26-65a5e2bc82fa |
| SCIP notification number (Finland)        | 177022d2-63cc-4ac0-8824-e97f19258c16 |
| SCIP notification number (France)         | 73f56c6d-0765-4798-8b35-4f8a954576b7 |
| SCIP notification number (Germany)        | aafe55cc-cf1a-4531-babf-bee0a6d19e22 |
| SCIP notification number (Hungary)        | ebc63f9a-fb18-4aaa-9ddc-82586dd4750b |
| SCIP notification number (Italy)          | 1b6c034a-0140-454c-b565-5a8bba23173d |
| SCIP notification number (Netherlands)    | d42e7c41-6688-4a9a-a33e-0727fd18fa48 |
| SCIP notification number (Poland)         | de54d67a-3329-47b5-908e-68bc732456c1 |
| SCIP notification number (Romania)        | 52bf8529-0e89-427b-bf3f-17fe9e98e519 |
| SCIP notification number (Sweden)         | 67f199b4-4100-4ecf-af61-16965cb0ed74 |

| 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                                                                                                         |



Downloads

Environmental Product Compliance

| Compliance Search                                    |                   |
|------------------------------------------------------|-------------------|
| Environmental Product Compliance<br>756-5202/030-010 | <a href="#">↓</a> |

Documentation

| System Description                    |                  |                   |
|---------------------------------------|------------------|-------------------|
| IP67 Cables and Plug-gable Connectors | pdf<br>157.80 KB | <a href="#">↓</a> |

| Bid Text         |            |                 |                   |  |
|------------------|------------|-----------------|-------------------|--|
| 756-5202/030-010 | 19.02.2019 | xml<br>3.21 KB  | <a href="#">↓</a> |  |
| 756-5202/030-010 | 20.09.2017 | doc<br>25.50 KB | <a href="#">↓</a> |  |

CAD/CAE-Data

| CAE data                           |                   |
|------------------------------------|-------------------|
| WSCAD Universe<br>756-5202/030-010 | <a href="#">↓</a> |