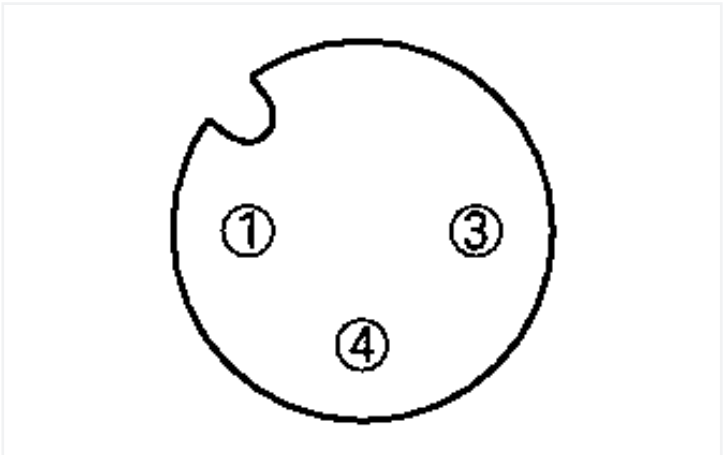




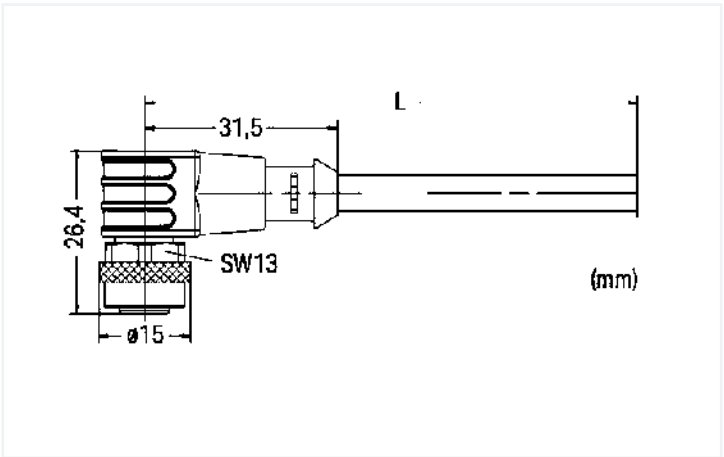
<https://www.wago.com/756-5302/030-100>



Similar to illustration



Pin 1 ... 4: 0.34 mm<sup>2</sup>



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                                   |                | Suitable for drag chains      |                            |
| 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>         |
| Contact resistance                        | 10 mΩ          | Travel speed (max.)           | 3.33 m/s                   |
| Conductor resistance                      | ≤ 60 Ω/km      | Travel path (horizontal) max. | 5 m                        |
| Pollution degree (5)                      | 3 per VDE 0110 | Travel path (vertical) max.   | 2 m                        |
| Protection type                           | IP67           | Torsional capacity            | 180 °/m                    |
| Ambient (operating) temperature (static)  | -50 ... +90 °C |                               |                            |
| Ambient (operating) temperature (dynamic) | -25 ... +90 °C |                               |                            |



| Cable                   |                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------|
| Cable length            | 10 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 | 4.1 ... 4.5 mm                                                                                                |

| Connector                                      |                       |
|------------------------------------------------|-----------------------|
| Connection type                                | M12 Socket - free end |
| Cable connection direction to mating direction | 90 °                  |
| Connector interface coding (cable/adaptor) 1 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)              | 1 pcs         |
| Packaging type        | Box           |
| Country of origin     | HU            |
| GTIN                  | 4045454945985 |
| Customs tariff number | 85444290900   |

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

| Compliance Search                                    |
|------------------------------------------------------|
| Environmental Product Compliance<br>756-5302/030-100 |



Documentation



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

| Additional Information        |                 |                   |
|-------------------------------|-----------------|-------------------|
| EU-Declaration of Con-formity | pdf<br>90.86 KB | <a href="#">↓</a> |

| Bid Text         |            |                 |                   |
|------------------|------------|-----------------|-------------------|
| 756-5302/030-100 | 19.02.2019 | xml<br>3.21 KB  | <a href="#">↓</a> |
| 756-5302/030-100 | 20.09.2017 | doc<br>25.50 KB | <a href="#">↓</a> |

| CAD/CAE-Data                       |                   |
|------------------------------------|-------------------|
| CAE data                           |                   |
| WSCAD Universe<br>756-5302/030-100 | <a href="#">↓</a> |