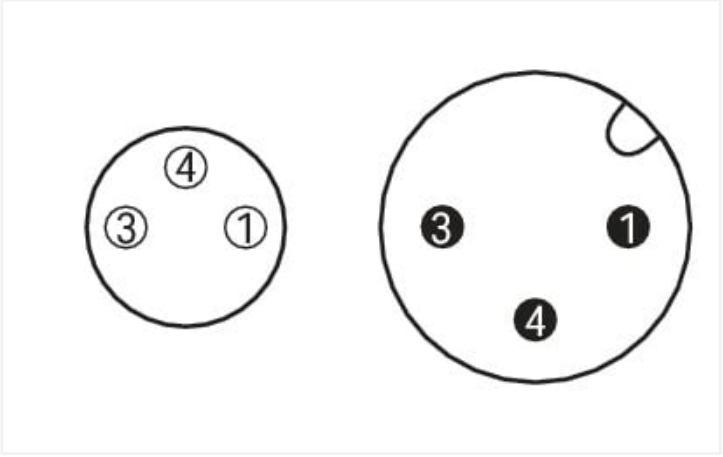
# Data Sheet | Item Number: 756-5507/030-010

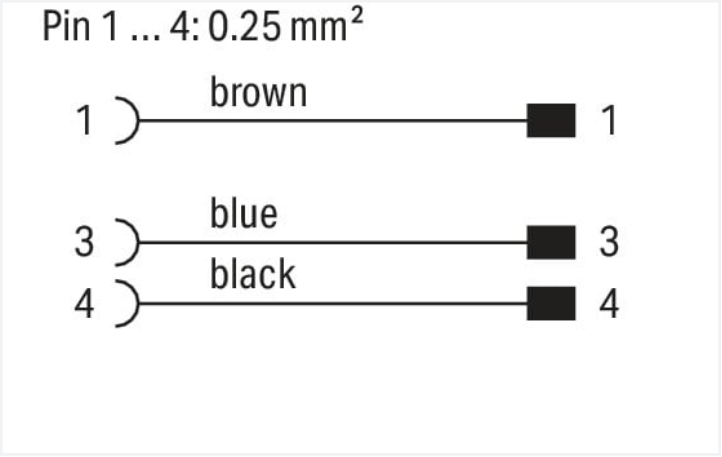
Sensor/Actuator cable; M8 socket; straight; M12A plug; straight; 3-pole; Length: 1 m

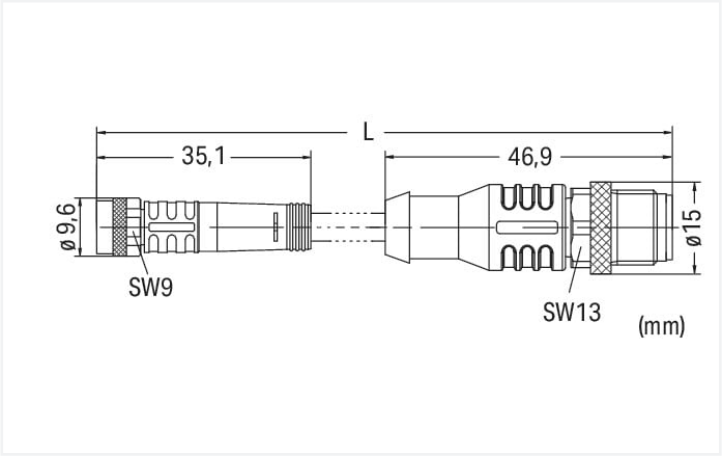
https://www.wago.com/756-5507/030-010



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

| | |
|---|---|
| Operating voltage | AC/DC 60 V |
| Operating current | 4 A |
| Rated surge voltage | 1.5 kV |
| Insulation resistance | > $10^9$ 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 |
| Ambient (operating) temperature (dynamic) | -25 … +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 |

## 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 | 3 |
| Cable connection direction to mating direction | 0 ° |
| Cable connection direction to mating direction (2) | 0 ° |
| Connector interface coding (cable/adapter) 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 | 4044918975704 |
| Customs tariff number | 85444290900 |

## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,No Exemption |

## Downloads

### Environmental Product Compliance

**Compliance Search**

| | |
|---|---|
| Environmental Product Compliance 756-5507/030-010 | |

### Documentation

**System Description**

| | | |
|---|---|---|
| IP67 Cables and Pluggable Connectors | pdf 157.80 KB | |

**Bid Text**

| | | | |
|---|---|---|---|
| 756-5507/030-010 | 19.02.2019 | xml 3.20 KB | |
| 756-5507/030-010 | 20.09.2017 | doc 25.50 KB | |


Continued on next page

## CAD/CAE-Data

### CAE data

WSCAD Universe
756-5507/030-010