

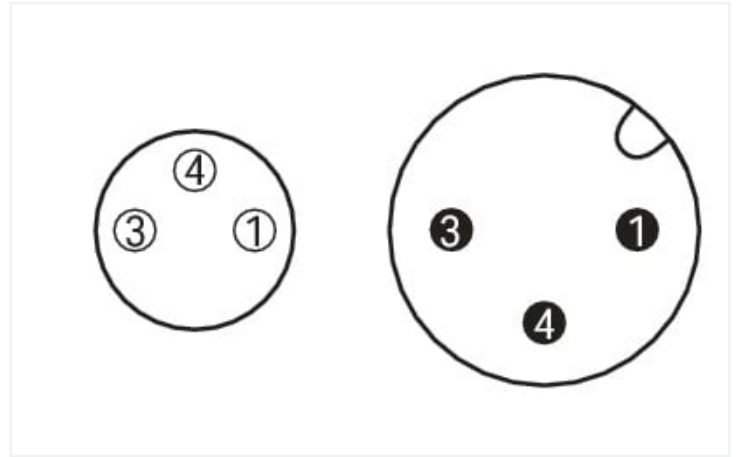
# Data Sheet | Item Number: 756-5507/030-020

Sensor/Actuator cable; M8 socket; straight; M12A plug; straight; 3-pole; Length: 2 m

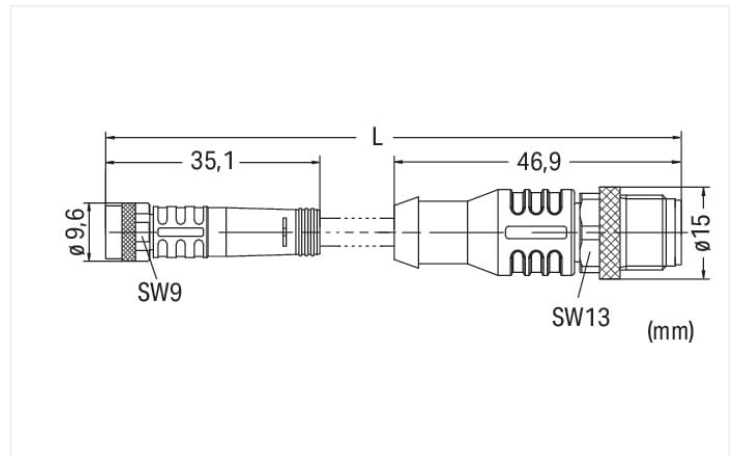
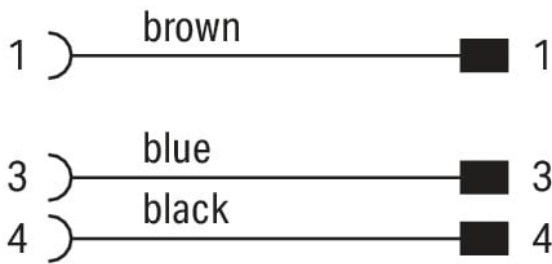
<https://www.wago.com/756-5507/030-020>



Similar to illustration



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



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 <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     |
| 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/s <sup>2</sup>         |
| 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            | 2 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                  | 4044918975728 |
| 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)        | 6acd6b48-6aaa-4700-86d3-d3355c550346 |
| SCIP notification number (Belgium)        | e3135d51-8429-43bb-b364-d835f9dc2b5a |
| SCIP notification number (Bulgaria)       | 79267b98-ee2a-4646-9e18-f0e01d6f0338 |
| SCIP notification number (Czech Republic) | f9d51d35-59dc-4139-a056-9d45ee8abc7d |
| SCIP notification number (Denmark)        | 7af340f6-7286-4b9f-b26d-3162ef3a3761 |
| SCIP notification number (Finland)        | 61e9e9be-3414-41aa-83fd-d6ce14f66e4d |
| SCIP notification number (France)         | 4660daf6-ec82-4f91-9b9c-02ca0b5ffca  |
| SCIP notification number (Germany)        | b9f38588-27c8-48fa-9729-ffec529cd712 |
| SCIP notification number (Hungary)        | 627498a8-6468-4286-9c7b-ed10391ebf71 |
| SCIP notification number (Italy)          | 2a3fcea8-9511-4faa-a9e1-76fc110f3083 |
| SCIP notification number (Netherlands)    | da8563b3-27d3-4e53-ab0e-9f01636e13a1 |
| SCIP notification number (Poland)         | 74c66743-cd49-44e3-90f4-3b486edd4b5a |
| SCIP notification number (Romania)        | f794d6b0-18ac-4c9a-9ece-e01ecfdb99ab |
| SCIP notification number (Sweden)         | cd4cbc13-eaaa-4ecc-a6df-b5c1877d398c |

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

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756-5507/030-020



**Documentation**

**System Description**

IP67 Cables and Plug-gable Connectors

pdf  
157.80 KB



**Bid Text**

756-5507/030-020

19.02.2019

xml  
3.20 KB



756-5507/030-020

20.09.2017

doc  
25.50 KB



**CAD/CAE-Data**

**CAE data**

WSCAD Universe  
756-5507/030-020

