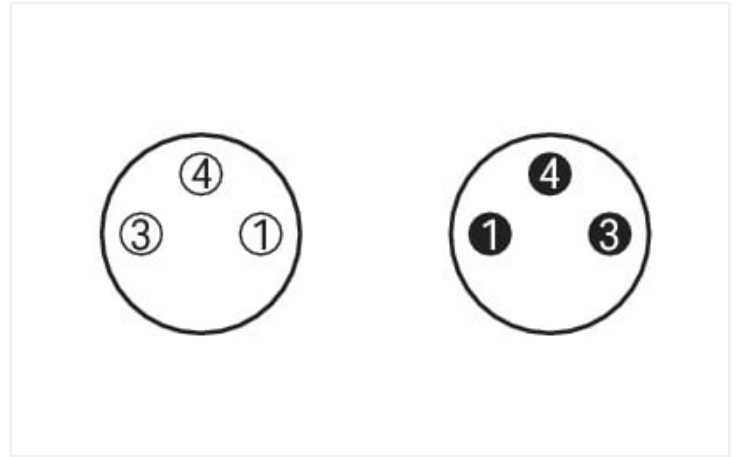


# Data Sheet | Item Number: 756-5203/030-010

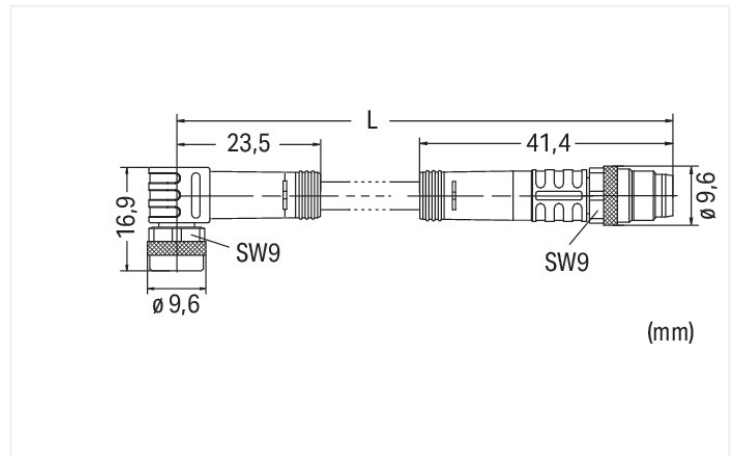
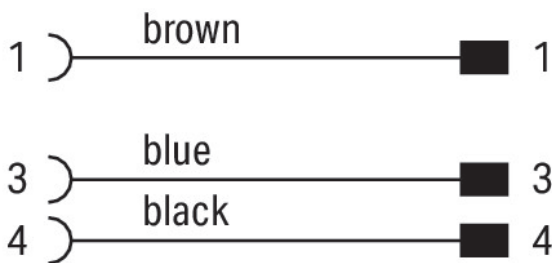
Sensor/Actuator cable; M8 socket; angled; M8 plug; straight; 3-pole; Length: 1 m

<https://www.wago.com/756-5203/030-010>



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            | 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 - M8 plug |
| Pole number  | 3                   |
| Cable connection direction to mating direction     | 90 °                |
| Cable connection direction to mating direction (2) | 0 °                 |
| 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)              | 10 (1) pcs    |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4044918974615 |
| 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)        | 205f30f8-5cb7-4039-9eaa-b6acb15193db |
| SCIP notification number (Belgium)        | 2f1f977b-a8e3-449b-ac9d-de91e4ae703c |
| SCIP notification number (Bulgaria)       | a93249db-339b-43bc-a888-1c252229182e |
| SCIP notification number (Czech Republic) | e4c41d2d-133a-4ada-839b-827a464c088f |
| SCIP notification number (Denmark)        | c219f8ba-03ef-43a7-a1ae-3d40b6c3d63d |
| SCIP notification number (Finland)        | 736c9dee-e371-4882-898f-1d9cd17f6613 |
| SCIP notification number (France)         | a2104078-2c53-4fd1-94e9-c3a7d1c7b8cd |
| SCIP notification number (Germany)        | 314d9163-7d31-43c7-a2bf-b345b074dfae |
| SCIP notification number (Hungary)        | 4b1fb041-8be0-4e51-8db9-9ad031ebb3a3 |
| SCIP notification number (Italy)          | 2235e3eb-ff67-4adf-9688-015e21975037 |
| SCIP notification number (Netherlands)    | 185900ea-20a1-40d2-8a66-4c66c43b8b18 |
| SCIP notification number (Poland)         | a4261604-7642-4c63-8912-a3dbd9a01ebb |
| SCIP notification number (Romania)        | 8145f7ce-a6a6-4875-9a25-027f6826cbfc |
| SCIP notification number (Sweden)         | 3d5d1afb-d6f2-4338-b990-647081b33e1e |

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

Environmental Product Compliance  
756-5203/030-010



**Documentation**

**System Description**

IP67 Cables and Plug-gable Connectors

pdf  
157.80 KB



**Bid Text**

756-5203/030-010

19.02.2019

xml  
3.21 KB



756-5203/030-010

20.09.2017

doc  
25.50 KB



**CAD/CAE-Data**

**CAE data**

WSCAD Universe  
756-5203/030-010

