

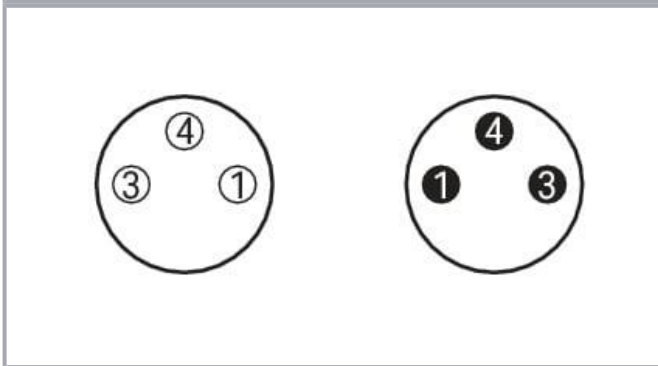
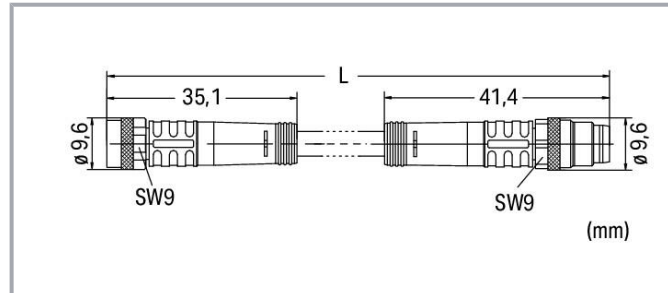
## Data sheet | Item number: 756-5201/030-010

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

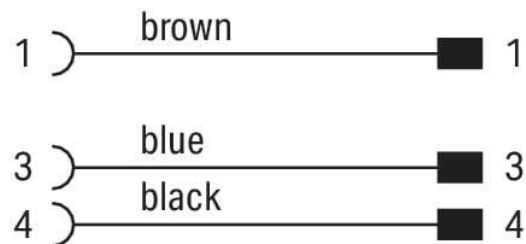
[www.wago.com/756-5201/030-010](http://www.wago.com/756-5201/030-010)



 Picture differs from the item.



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



### Item description

#### 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

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

**Data****Technical data****General information**

|                                           |                            |
|-------------------------------------------|----------------------------|
| Operating voltage                         | 60 VAC/DC                  |
| Operating current                         | 4 A                        |
| Rated surge voltage                       | 1.5 kV                     |
| Insulation resistance                     | $> 10^9 \Omega$            |
| Contact resistance                        | 10 m $\Omega$              |
| Conductor resistance                      | $\leq 60 \Omega/\text{km}$ |
| 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 Mio.                     |
| Acceleration (min.)           | 5                          |
| Travel speed (max.)           | 3.33                       |
| Travel path (horizontal) max. | 5                          |
| Travel path (vertical) max.   | 2                          |
| Torsional capacity            | 180                        |

**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 |
|-----------------|---------------------|

Subject to changes. Please also observe the further product documentation!



|                                                    |                    |
|----------------------------------------------------|--------------------|
| Pole number                                        | 3                  |
| Cable connection direction to mating direction     | 0 °                |
| 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                  | 4044918974547 |
| 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)        | 2e6af981-9839-40c5-9fd9-bb60535eab29 |
| SCIP notification number (Belgium)        | ba0cdcfc-b722-4cae-b7df-255f5ebf988e |
| SCIP notification number (Bulgaria)       | 1c981189-4187-4d51-bedd-2dd71b4228b6 |
| SCIP notification number (Czech Republic) | ac375306-9c5d-4dd3-8861-aa7ea7f1ec2f |
| SCIP notification number (Denmark)        | 6d6d83a4-f0af-41a2-9eca-b5a729dc8423 |
| SCIP notification number (Finland)        | 62b176e9-b6d6-4847-9b3f-3588c35a21c0 |
| SCIP notification number (France)         | bb5b3ac4-95e4-4a89-964d-be18e13dbc26 |
| SCIP notification number (Germany)        | a3ce71fe-c2ce-4fc8-9196-9869daed2715 |
| SCIP notification number (Hungary)        | cf9c9b90-780c-4dce-9f81-00ae4141a705 |
| SCIP notification number (Italy)          | c8369c54-4431-4551-8223-658e59d059bd |
| SCIP notification number (Netherlands)    | 17869bb6-e00d-4728-9f0c-edccbe8e1b0b |
| SCIP notification number (Poland)         | 94b09f84-fa02-4fc7-991e-c06f958e2b94 |
| SCIP notification number (Romania)        | a28a4820-95af-4ff2-9a70-89fb29403bae |
| SCIP notification number (Sweden)         | e20412c6-c21d-44b2-9dc0-4720abbed45d |

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## Commercial data

eCl@ss 9.0

ETIM 8.0

ETIM 7.0

Customs tariff number

## Downloads

### Documentation

#### Bid Text

|                  |             |        |          |
|------------------|-------------|--------|----------|
| 756-5201/030-010 | 2019 Feb 19 | xml    | Download |
| X81 - Datei      |             | 3.3 kB |          |

|                  |             |         |          |
|------------------|-------------|---------|----------|
| 756-5201/030-010 | 2017 Sep 20 | doc     | Download |
| doc - Datei      |             | 26.1 kB |          |

#### System Description

|                                      |  |          |          |
|--------------------------------------|--|----------|----------|
| IP67 Cables and Pluggable Connectors |  | pdf      | Download |
|                                      |  | 130.8 kB |          |

## CAD/CAE-Data

### CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 756-5201/030-010 | URL | Download |
| WSCAD Universe 756-5201/030-010 | URL | Download |

## Environmental Product Compliance

### Compliance Search

|                                                                                    |     |          |
|------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 756-5201/030-010                                  | URL | Download |
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## Installation Notes

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