

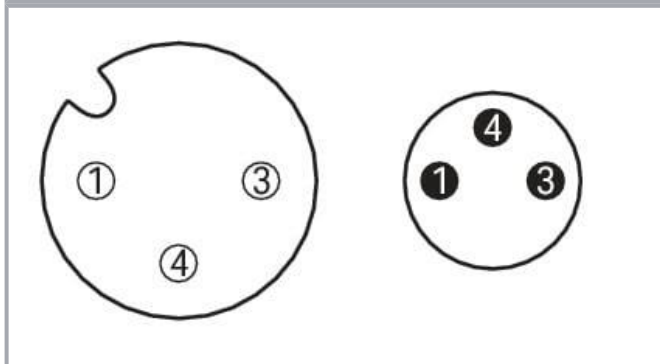
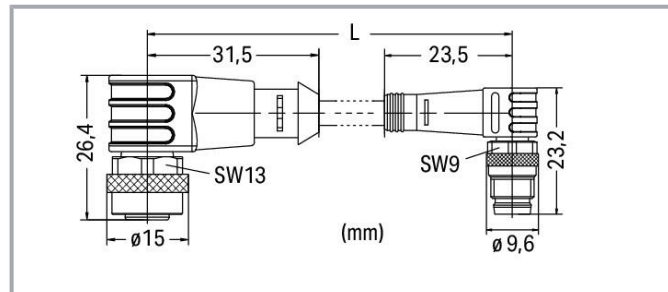
## Data sheet | Item number: 756-5504/030-010

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

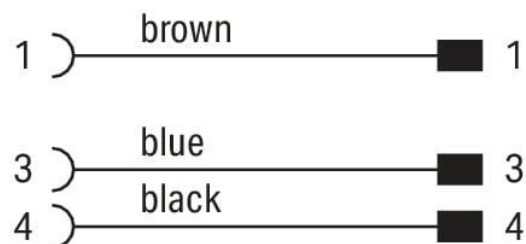
[www.wago.com/756-5504/030-010](http://www.wago.com/756-5504/030-010)



 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
- Good resistance to microbes, hydrolysis, oil, chemicals and UV radiation.
- Good 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                         | AC/DC 60 V                 |
| 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 | M12 Socket - M8 plug |
|-----------------|----------------------|

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



|                                                    |                    |
|----------------------------------------------------|--------------------|
| Pole number                                        | 3                  |
| Cable connection direction to mating direction     | 90 °               |
| Cable connection direction to mating direction (2) | 90 °               |
| Connector interface coding (cable/adaptor) 1 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                  | 4044918974844 |
| 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)        | 476103e7-251b-49c1-bb45-e5c051eb6105 |
| SCIP notification number (Belgium)        | 434aa30e-afc3-493e-ac07-b903e70bec5d |
| SCIP notification number (Bulgaria)       | 11e020ba-6f3e-43c1-a87a-fda9324ab8c8 |
| SCIP notification number (Czech Republic) | 96178905-00b9-42e0-bef0-f2f88e1b9ba8 |
| SCIP notification number (Denmark)        | f60312fd-61fa-465d-810e-cc026ca352cb |
| SCIP notification number (Finland)        | dd25563c-1680-4b6f-a13c-9cdb41bc7f90 |
| SCIP notification number (France)         | c547ae65-7b12-4124-99ea-9ceedcc00fff |
| SCIP notification number (Germany)        | cca9a524-a475-460e-be11-cc304185cf85 |
| SCIP notification number (Hungary)        | 52138419-fead-4fab-a863-8f51e8384660 |
| SCIP notification number (Italy)          | e1a0a190-a02a-4af7-9f42-7c8432634257 |
| SCIP notification number (Netherlands)    | 2ab136e8-3146-49a0-a308-bb2f1568517f |
| SCIP notification number (Poland)         | 96399986-a646-48c5-9ceb-c8a4268bf9d4 |
| SCIP notification number (Romania)        | 9bfeede5-ad41-4e16-8179-4d8471e80c68 |

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SCIP notification number (Sweden)

0216b120-47f9-48cf-a204-f01a228a2f60

## Commercial data

eCl@ss 9.0

ETIM 8.0

ETIM 7.0

Customs tariff number

## Downloads

### Documentation

#### Bid Text

|                  |             |        |          |
|------------------|-------------|--------|----------|
| 756-5504/030-010 | 2019 Feb 19 | xml    | Download |
| X81 - Datei      |             | 3.3 kB |          |

|                  |             |         |          |
|------------------|-------------|---------|----------|
| 756-5504/030-010 | 2017 Sep 20 | doc     | Download |
| doc - Datei      |             | 26.6 kB |          |

### System Description

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

## CAD/CAE-Data

### CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 756-5504/030-010 | URL | Download |
|---------------------------------|-----|----------|

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 756-5504/030-010 | URL | Download |
|---------------------------------|-----|----------|

## Environmental Product Compliance

### Compliance Search

|                                                                                  |     |          |
|----------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 756-5504/030-010                                | URL | Download |
| Sensor/Actuator cable; M12A socket; angled; M8 plug; angled; 3-pole; Length: 1 m |     |          |

## Installation Notes

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