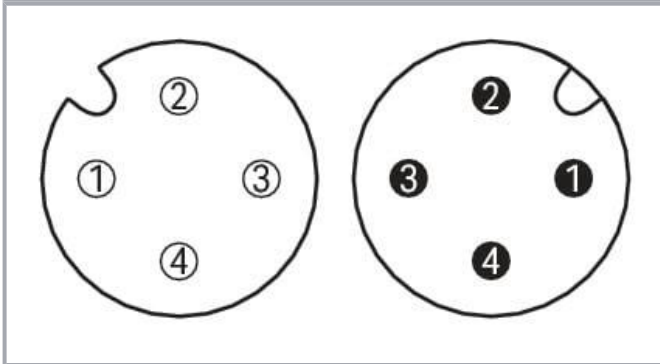
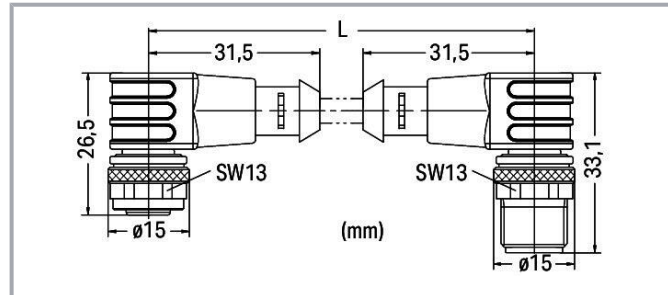


## Data sheet | Item number: 756-3106/040-002

Power cable; M12A socket; angled; M12A plug; angled; 4-pole; Length 0.2 m

[www.wago.com/756-3106/040-002](http://www.wago.com/756-3106/040-002)



Pin 1 ... 4: 0.75 mm<sup>2</sup>

|   |       |   |
|---|-------|---|
| 1 | brown | 1 |
| 2 | white | 2 |
| 3 | blue  | 3 |
| 4 | black | 4 |

### Item description

#### Short description:

- PUR, halogen-free
- UL / CSA
- Suitable for drag chains
- Silicon- and CFC-free
- 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!

WAGO GmbH & Co. KG  
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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

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| Connection type                                    | M12 socket - M12 plug      |
| Pole number                                        | 4                          |
| Cable connection direction to mating direction     | 90 °                       |
| Cable connection direction to mating direction (2) | 90 °                       |
| Connector interface coding (cable/adaptor) 1 1     | A-coded                    |
| Connector interface coding (cable/adaptor) 2 1     | A-coded                    |
| Cable length                                       | 0.2 m                      |
| PLC manufacturer                                   | WAGO                       |
| Operating voltage                                  | 250 VAC/DC                 |
| Operating current                                  | 4 A                        |
| Rated surge voltage                                | 2.5 kV                     |
| Contact resistance                                 | 10 mΩ                      |
| Insulation resistance                              | $>10^9 \Omega$             |
| Conductor resistance                               | $\leq 26 \Omega/\text{km}$ |

### Mechanical Data

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Bending radius          | 10 x cable diameter (min.) for flexible application |
| Bending cycles          | 4 Mio.                                              |
| Drag chain capability   | yes                                                 |
| Sheathed cable diameter | 6 ... 6.4 mm                                        |
| Type code               | Lif9YH-11YH 4x0.75 mm <sup>2</sup>                  |
| Conductor configuration | Bare copper wire (40 x 0.15 mm)                     |
| Conductor insulation    | PP9Y (halogen-free)                                 |
| Housing material        | TPU/TPU, black (~ RAL 9005)                         |
| Tightening torque       | 1 Nm                                                |
| Weight                  | 37.4 g                                              |

### Environmental requirements

|                                           |                     |
|-------------------------------------------|---------------------|
| Ambient (operating) temperature (dynamic) | -30 ... +80 °C      |
| Ambient (operating) temperature (static)  | -30 ... +80 °C      |
| Protection type                           | IP67                |
| Pollution degree                          | 3/2 per IEC 60664-1 |

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## Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-06-18-01   |
| eCl@ss 9.0            | 27-06-18-01   |
| ETIM 8.0              | EC001855      |
| ETIM 7.0              | EC003249      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4045454127022 |
| 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)        | 37aa272e-0810-4536-8649-440468af7edf |
| SCIP notification number (Belgium)        | c2ad3d89-3212-4cdd-87d6-155e0678a92e |
| SCIP notification number (Bulgaria)       | 99cd32c1-09bb-4066-98ca-b54c69088246 |
| SCIP notification number (Czech Republic) | 4933c5ed-7942-4a4d-b7f4-f6aa92216cc0 |
| SCIP notification number (Denmark)        | 27338e25-f61c-4bf0-a15f-468a7546df6f |
| SCIP notification number (Finland)        | c02ac7c5-7682-4020-bb75-beb1b1d5fef3 |
| SCIP notification number (France)         | 97a736e8-57a6-487b-8d09-5aec50641f33 |
| SCIP notification number (Germany)        | eddcf08f-3c55-454a-b4c9-9f4856ad37ef |
| SCIP notification number (Hungary)        | 5eb67d73-2b4a-403e-92f7-1526170634b5 |
| SCIP notification number (Italy)          | 85ba4387-7e86-4218-b296-96e9b3a10396 |
| SCIP notification number (Netherlands)    | 7ef44006-e488-4e2e-8e4a-d14230f22796 |
| SCIP notification number (Poland)         | 833a7dd2-0f7c-46bb-84d7-056ed84bd57b |
| SCIP notification number (Romania)        | f5114182-19d2-456b-afb7-0c348fa04033 |
| SCIP notification number (Sweden)         | 8e8c9f11-a8d9-4d09-af28-f3ca03153d4e |

## Approvals / Certificates

### General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|      | UL       | UL 2238                  | E519602          |

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Underwriters Laboratories Inc.

Downloads

Documentation

System Description

|                                                    |               |          |
|----------------------------------------------------|---------------|----------|
| I/O-SYSTEM – SPEEDWAY, General Product Information | pdf<br>1.1 MB | Download |
|----------------------------------------------------|---------------|----------|

CAD/CAE-Data

CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 756-3106/040-002 | URL | Download |
| WSCAD Universe 756-3106/040-002 | URL | Download |

Environmental Product Compliance

Compliance Search

|                                                                           |     |          |
|---------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 756-3106/040-002                         | URL | Download |
| Power cable; M12A socket; angled; M12A plug; angled; 4-pole; Length 0.2 m |     |          |

Installation Notes

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