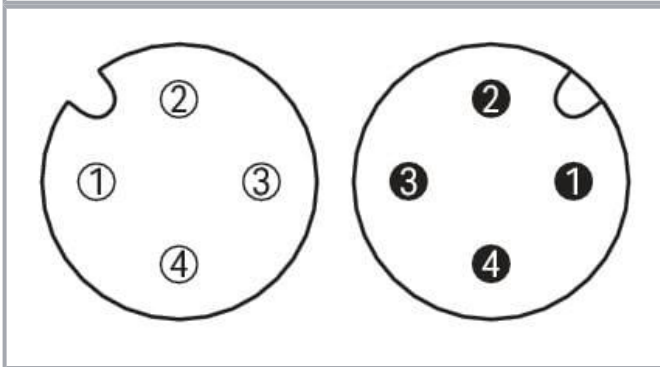
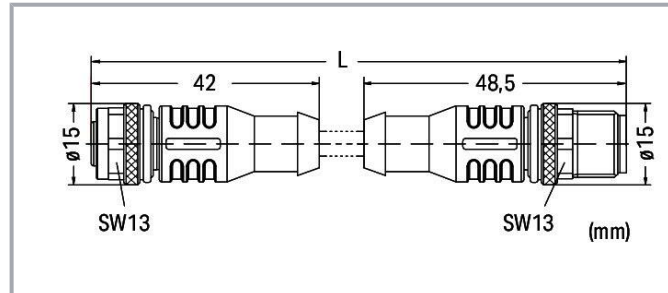


## Data sheet | Item number: 756-3105/040-010

Power cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 1 m

[www.wago.com/756-3105/040-010](http://www.wago.com/756-3105/040-010)



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!

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## Data

### Technical data

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| Connection type                                    | M12 socket - M12 plug      |
| Pole number                                        | 4                          |
| Cable connection direction to mating direction     | 0 °                        |
| Cable connection direction to mating direction (2) | 0 °                        |
| Connector interface coding (cable/adaptor) 1 1     | A-coded                    |
| Connector interface coding (cable/adaptor) 2 1     | A-coded                    |
| Cable length                                       | 1 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                  | 80 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                  | 4045454126971 |
| 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)        | 17b3e75c-b1be-4727-88aa-e61fcc783b25  |
| SCIP notification number (Belgium)        | 4c3a87ff-7e0c-4dac-9225-cce62ace316e  |
| SCIP notification number (Bulgaria)       | f06995d5-4f75-470d-b371-b2ceb7c4e952  |
| SCIP notification number (Czech Republic) | 1ed3b317-e401-4b0f-b248-514269b4e0ef  |
| SCIP notification number (Denmark)        | 8a5e3a00-330e-4b4c-9cc4-f6aae0a9da71  |
| SCIP notification number (Finland)        | 46c7a4a3-f24c-4969-af6a-b7d2237c0246  |
| SCIP notification number (France)         | 4b9ec30f-3330-4cef-a2ab-3b63c5dfebbba |
| SCIP notification number (Germany)        | d9f90bf7-8a5a-4fc9-908a-39ee3225e4b5  |
| SCIP notification number (Hungary)        | 807f3697-97f9-4903-844d-e047d18b6d9b  |
| SCIP notification number (Italy)          | 418209a6-196f-4452-be2f-e53b43a1fc72  |
| SCIP notification number (Netherlands)    | f9435342-a1ac-4979-b514-c5ab8abc136b  |
| SCIP notification number (Poland)         | d0a05091-e7dc-4dea-90c4-d948ac5758a6  |
| SCIP notification number (Romania)        | 125224b8-0738-405f-ac30-65cee843a85f  |
| SCIP notification number (Sweden)         | 7e1aff74-eca3-49d8-9a4b-1ccc96cad345  |

## 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 756-3105/040-010 | URL | Download |
| WSCAD Universe 756-3105/040-010 | URL | Download |

Environmental Product Compliance

Compliance Search

|                                                                              |     |          |
|------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 756-3105/040-010                            | URL | Download |
| Power cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 1 m |     |          |

Installation Notes

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