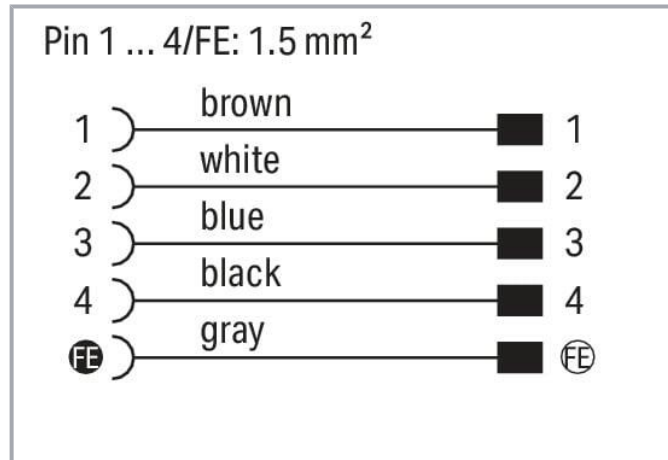
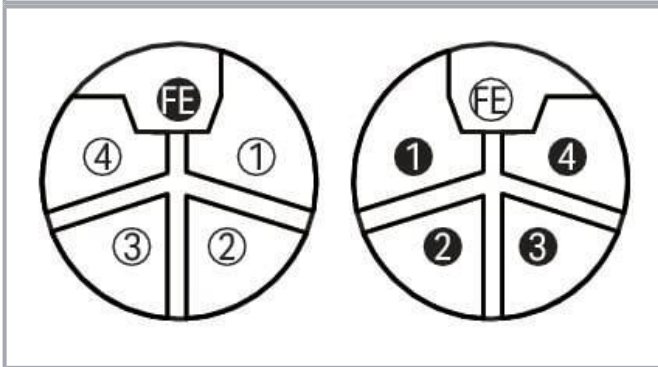
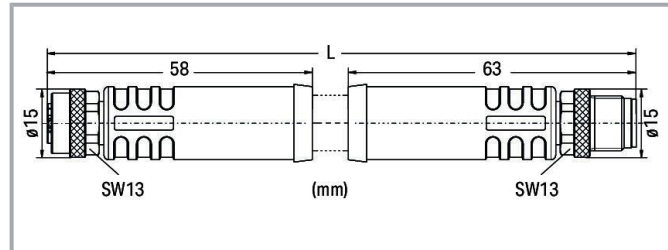


## Data sheet | Item number: 756-3505/050-010

Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 1 m

[www.wago.com/756-3505/050-010](http://www.wago.com/756-3505/050-010)



### Item description

#### Short description:

These power cables are an accessory for the WAGO I/O System Field.

Use them as flexible, flame-retardant and halogen-free supply cables for industrial mechanical engineering applications – particularly those with high requirements, e.g., for use in cable chains (drag chains) and moving machine parts.

- Strong resistance to microbes and hydrolysis
- Good to very good weather resistance (UV and ozone)
- High resistance against welding sparks
- Excellent chemical and oil resistance

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

WAGO GmbH & Co. KG

Hansastr. 27

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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.



- Silicon- and PVC-free
- Free from paint-wetting impairment substances
- Flexible at low temperatures

## Data

### Technical data

#### General

|   |                                 |
|---|---------------------------------|
| Operating voltage                         | 63 VDC per IEC 60664-1          |
| Operating current                         | 16 A                            |
| Rated surge voltage                       | 1.5 kV per IEC 61076-2-111      |
| Insulation resistance                     | 1000 MΩ                         |
| Contact resistance                        | 5 mΩ                            |
| Conductor resistance                      | ≤ 13.7 Ω/km                     |
| Pollution degree                          | 3 per IEC 60664-1               |
| Protection type                           | IP68                            |
| Ambient temperature (operation)           | -40 ... +90 °C (UL max. +80 °C) |
| Ambient (operating) temperature (static)  | -40 ... +90 °C                  |
| Ambient (operating) temperature (dynamic) | -30 ... +90 °C                  |

#### Suitable for drag chains

|                |                               |
|----------------|-------------------------------|
| Bending radius | Fixed: >4xØ; Flexible: >7.5xØ |
| Bending cycles | 10 Mio.                       |

#### Cable

|                         |                                    |
|-------------------------|------------------------------------|
| Cable length            | 1 m                                |
| Type code               | LiF9YH-11Y-0B 5x1.5mm <sup>2</sup> |
| Conductor configuration | Bare copper wire (84 x 0.15 mm)    |
| Conductor insulation    | PP9Y (halogen-free)                |
| Sheathed cable color    | gray                               |
| Sheathed cable diameter | 9.6 ... 10.2 mm                    |

#### Connector

|  |                       |
|--|-----------------------|
| Connection type                                    | M12 socket - M12 plug |
| Cable connection direction to mating direction     | 0 °                   |
| Cable connection direction to mating direction (2) | 0 °                   |

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



|  |                             |
|--|-----------------------------|
| Connector interface coding (cable/adapter) 1 1 | L-coded                     |
| Housing material                               | TPU/TPU, black (~ RAL 9005) |
| Tightening torque                              | 1 Nm                        |

### Commercial data


|                       |               |
|-----------------------|---------------|
| ETIM 8.0              | EC001855      |
| ETIM 7.0              | EC003249      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | DE            |
| GTIN                  | 4055143974547 |
| Customs tariff number | 85444290900   |

### Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

### Approvals / Certificates

#### General approvals

| Logo   | Approval                             | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | UL<br>Underwriters Laboratories Inc. | UL 2237                  | E519600          |

### Downloads

#### Environmental Product Compliance

##### Compliance Search

| Environmental Product Compliance 756-3505/050-010                            | URL | Download |
|--|-----|----------|
| Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 1 m |     |          |

### Installation Notes

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

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