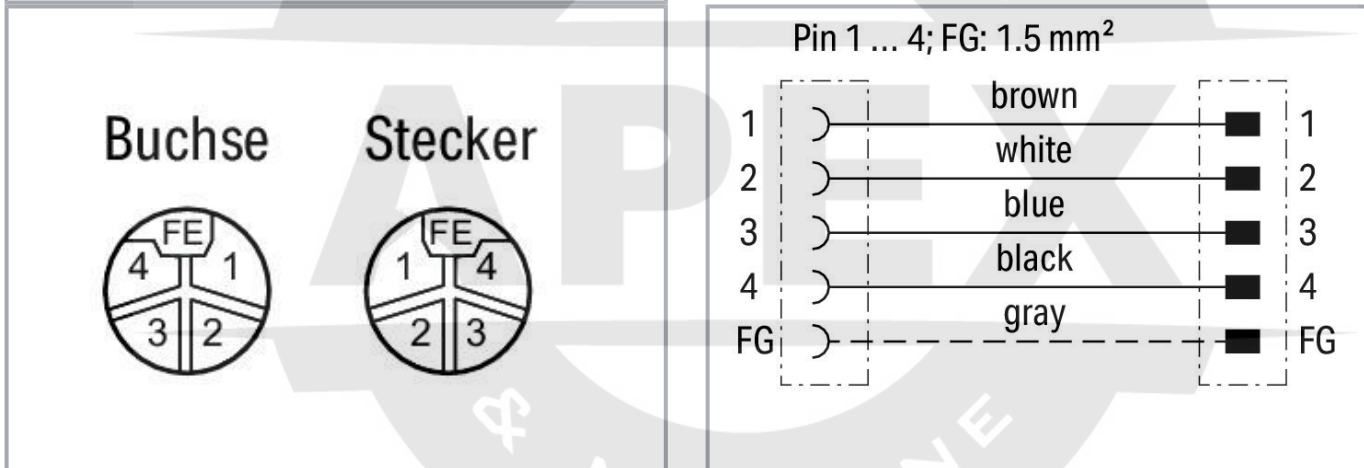
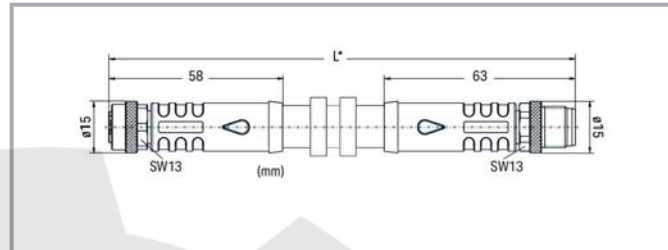


## Data sheet | Item number: 756-3505/050-005

Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 0.5 m



[www.wago.com/756-3505\\_050-005](http://www.wago.com/756-3505_050-005)



### 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 Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at (262) 255-6222 or 1 800-DIN-RAIL.



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

## Data

### Technical data

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| Connection type                                    | M12 socket - M12 plug      |
| Pole No.                                           | 5                          |
| Cable connection direction to mating direction     | 0°                         |
| Cable connection direction to mating direction (2) | 0°                         |
| Connector interface coding (cable/adaptor) 1 1     | L-coded                    |
| Cable length                                       | 0.5 m                      |
| Operating voltage                                  | 63 VDC per IEC 60664-1     |
| Operating current                                  | 16 A                       |
| Rated surge voltage                                | 1.5 kV per IEC 61076-2-111 |
| Contact resistance                                 | 5 mΩ                       |
| Insulation resistance                              | 1000 MΩ                    |
| Conductor resistance                               | ≤13,7 Ω/km                 |

### Mechanical data

|                         |                                 |
|-------------------------|---------------------------------|
| Bending radius          | Fixed: >4xØ; Flexible: >7.5xØ   |
| Bending cycles          | 10 Mio.                         |
| Drag chain suitability  | Yes                             |
| Sheathed cable color    | Gray (~ RAL 7040)               |
| Sheathed cable diameter | 9.6 ... 10.2 mm                 |
| Type code               | LiF9YH-11Y-0B 5x1.5mm²          |
| Conductor design        | Bare copper wire (84 x 0.15 mm) |
| Conductor insulation    | PP9Y (halogen-free)             |
| Housing material        | TPU/TPU, black (~ RAL 9005)     |
| Tightening torque       | 1 Nm                            |
| Weight                  | 99 g                            |

### Environmental requirements

|                                                   |                                |
|---------------------------------------------------|--------------------------------|
| Surrounding air temperature (operation)           | -40 ... 90 °C (UL max. +80 °C) |
| Surrounding air (operating) temperature (dynamic) | -30 ... +90 °C                 |
| Surrounding air (operating) temperature (static)  | -40 ... +90 °C                 |
| Protection type                                   | IP68                           |

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Pollution degree (5)

3 per IEC 60664-1

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | not packed    |
| Country of origin     | DE            |
| GTIN                  | 4055143974363 |
| Customs tariff number | 8544429090    |

## Downloads

### Environmental Product Compliance

#### Compliance Search

| Environmental Product Compliance 756-3505/050-005                              | URL | Download |
|--------------------------------------------------------------------------------|-----|----------|
| Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 0.5 m |     |          |

## Installation Notes

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

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