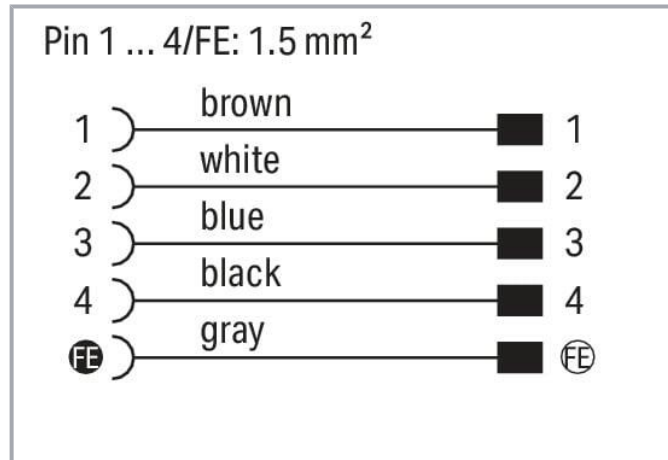
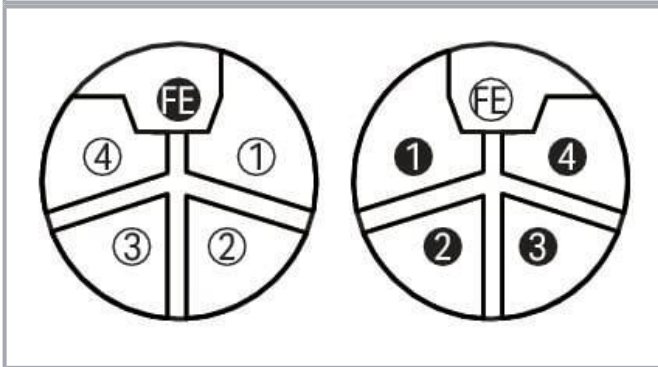
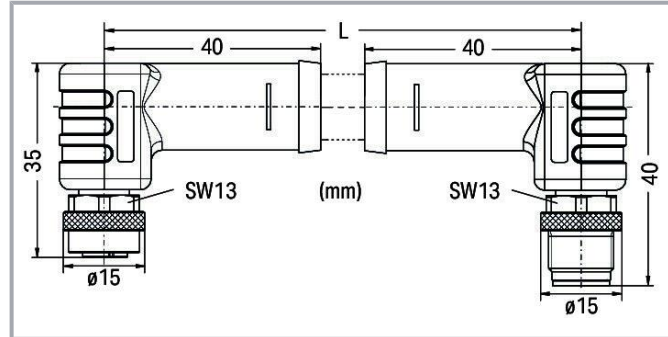


Data sheet | Item number: 756-3506/050-020

Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 2 m

www.wago.com/756-3506/050-020



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 | 2 m |
| Type code | LiF9YH-11Y-0B 5x1.5mm ² |
| 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 | 90 ° |
| Cable connection direction to mating direction (2) | 90 ° |

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 | 4055143981903 |
| 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 Underwriters Laboratories Inc. | UL 2237 | E519600 |

Downloads**Environmental Product Compliance****Compliance Search**

| | | |
|--|-----|----------|
| Environmental Product Compliance 756-3506/050-020 | URL | Download |
| Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 2 m | | |

Installation Notes

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

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