

Data sheet | Item number: 756-3505/050-020

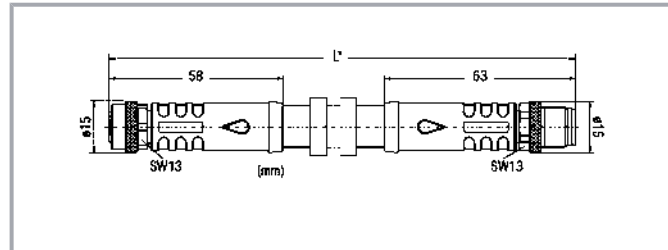
Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 2 m

www.wago.com/756-3505_050-020



RoHS
Compliant

[BOMcheck.net](https://www.bomcheck.net)



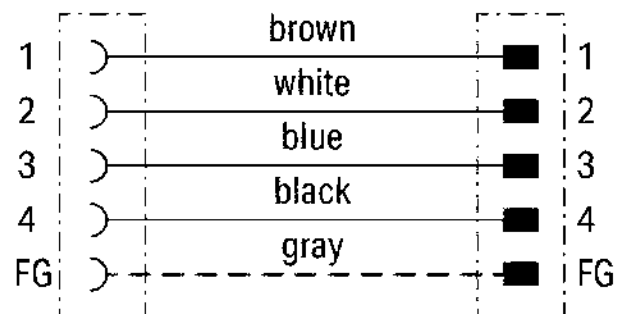
Buchse



Stecker



Pin 1 ... 4; FG: 1.5 mm²



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

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 | Web: www.wago.us

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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
- 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 | 2 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 5x1.5mm ² |
| 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 | 310.2 g |

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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 |
| Pollution degree (5) | 3 per IEC 60664-1 |

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | not packed |
| Country of origin | DE |
| GTIN | 4055143974370 |
| Customs tariff number | 8544429090 |

Downloads

Environmental Product Compliance

Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 756-3505/050-020 | URL | Download |
| Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 2 m | | |

Installation Notes

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