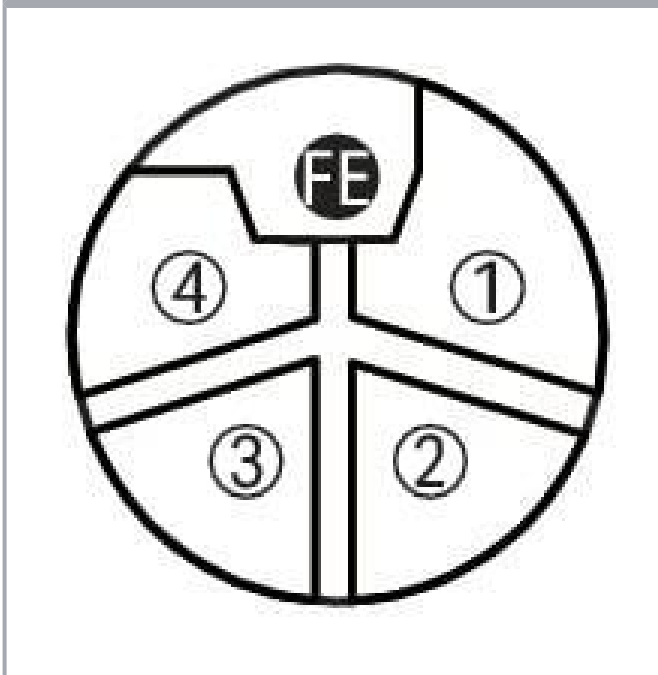
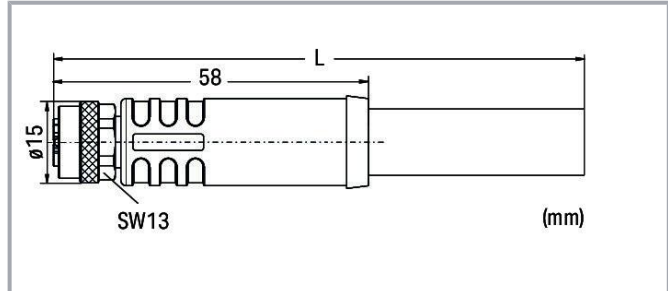


Data sheet | Item number: 756-3501/050-150

Power cable; M12L socket; straight; 5-pole; Length: 15 m

www.wago.com/756-3501/050-150



Pin 1 ... 4/FE: 1.5 mm²

| | |
|----|-------|
| 1 | brown |
| 2 | white |
| 3 | blue |
| 4 | black |
| FE | gray |

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

WAGO GmbH & Co. KG
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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.



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
- 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

| | |
|---|-------------------------------|
| Ambient air (operating) temperature in drag chain | -25 ... +60 °C |
| Bending radius | Fixed: >4xØ; Flexible: >7.5xØ |
| Bending cycles | 10 Mio. |

Other properties

Note Exclusion of hazardous substances per: 200/53/EC, 2003/11/EC,

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Cable

| | |
|-------------------------|------------------------------------|
| Cable length | 15 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 - Free end |
| Cable connection direction to mating direction | 0° |
| Connector interface coding (cable/adapter) 1 1 | L-coded |
| Housing material | TPU/TPU, black (~ RAL 9005) |
| Connector | Hexagon knurled nut: CuZn; Knurled nut surface: Nickel plated; Sealing ring: FPM/FKM |
| 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 | 4055143974486 |
| 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 |

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



Downloads

Environmental Product Compliance

Compliance Search

| Environmental Product Compliance 756-3501/050-150 | URL | Download |
|--|-----|----------|
| Power cable; M12L socket; straight; 5-pole; Length: 15 m | | |

Installation Notes

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