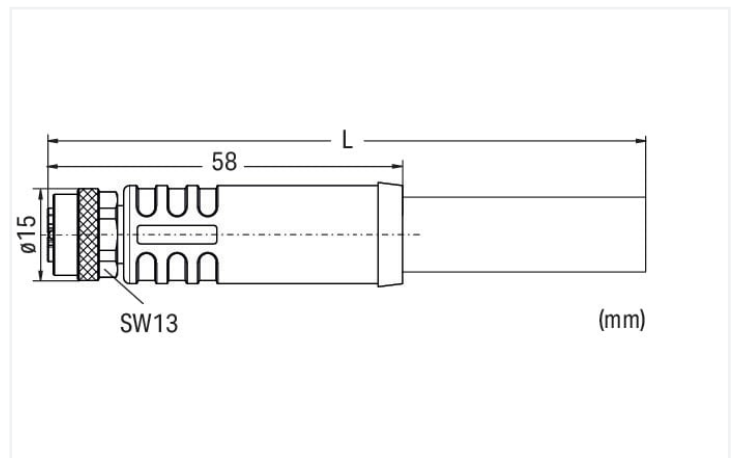
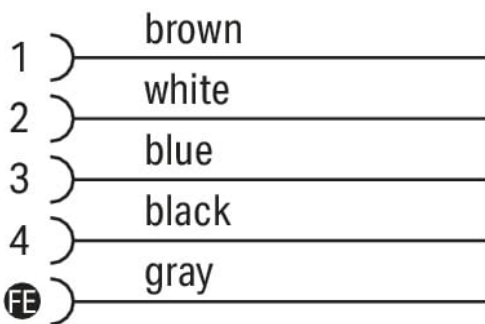




Pin 1 ... 4/FE: 1.5 mm²



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

Technical data

General information

| | |
|--|---------------------------------|
| 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 |

General information

| | |
|---|----------------|
| Ambient (operating) temperature (dynamic) | -30 ... +90 °C |
|---|----------------|

Drag chain compatible

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

Cable

| | |
|-------------------------|------------------------------------|
| Cable length | 10 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 |

Other properties

| | |
|------|---|
| Note | Exclusion of hazardous substances per: 200/53/EC, 2003/11/EC, (EC) No. 1907/2006, 2015/863/EU |
|------|---|

Connector

| | |
|--|--|
| Connection type | M12 Socket - free end |
| Cable connection direction to mating direction | 0° |
| Connector interface coding (cable/adaptor) 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 | 4055143974271 |
| Customs tariff number | 85444290900 |

Environmental Product Compliance

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

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---|----------|------------------|
| UL Underwriters Laboratories Inc. | UL 2237 | E519600 |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product

Compliance

756-3501/050-100

