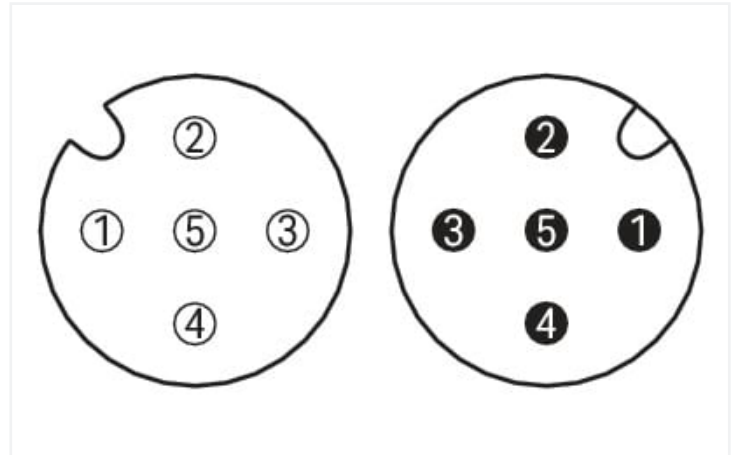


Data Sheet | Item Number: 756-5403/050-020

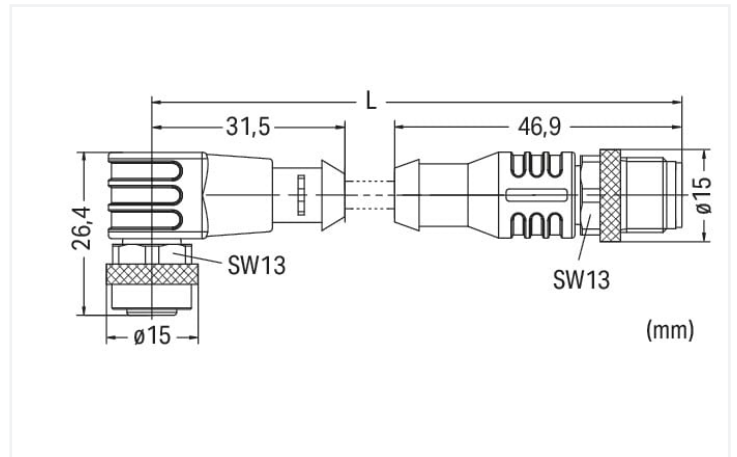
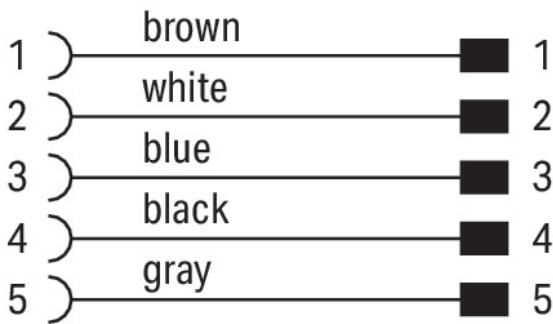
Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 5-pole; Length: 2 m

<https://www.wago.com/756-5403/050-020>



Similar to illustration

Pin 1 ... 5: 0.34 mm²



Dimensions in mm

Short description:

- PUR, halogen-free
- Suitable for drag chains
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance
- Cable used: UL listed

Technical data

General information

| | |
|---|--------------------|
| Operating voltage | 250 VAC/DC |
| Operating current | 4 A |
| Rated surge voltage | 1.5 kV |
| Insulation resistance | >10 ⁹ Ω |
| Contact resistance | 10 mΩ |
| Conductor resistance | ≤ 60 Ω/km |
| Pollution degree | 3 per VDE 0110 |
| Protection type | IP67 |
| Ambient (operating) temperature (static) | -50 ... +90 °C |
| Ambient (operating) temperature (dynamic) | -25 ... +90 °C |

Drag chain compatible

| | |
|-------------------------------|----------------------------|
| Bending radius | 10 x cable diameter (min.) |
| Bending cycles | 2 million |
| Acceleration (min.) | 5 m/s ² |
| Travel speed (max.) | 3.33 m/s |
| Travel path (horizontal) max. | 5 m |
| Travel path (vertical) max. | 2 m |
| Torsional capacity | 180 °/m |

| Cable | |
|-------------------------|---|
| Cable length | 2 m |
| Type code | LiF9YH-11YH or LiF9YC11YFHF |
| Conductor configuration | Bare copper wire, fine-stranded (42 x 0.1 mm) |
| Conductor insulation | PP9Y (halogen-free) |
| Sheath material | Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing |
| Sheathed cable color | black |
| Sheathed cable diameter | 4.8 ... 5.2 mm |

| Connector | |
|--|-----------------------|
| Connection type | M12 Socket - M12 plug |
| Pole number | 5 |
| Cable connection direction to mating direction | 90 ° |
| Cable connection direction to mating direction (2) | 0 ° |
| Connector interface coding (cable/adapter) 1 1 | A-coded |
| Connector interface coding (cable/adapter) 2 1 | A-coded |
| Housing material | Polyurethane (PUR) |
| Contact material | CuSn |
| Tightening torque | 1 Nm |

| Commercial data | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-06-03-11 |
| eCl@ss 9.0 | 27-06-03-11 |
| ETIM 8.0 | EC001855 |
| ETIM 7.0 | EC001855 |
| PU (SPU) | 10 (1) pcs |
| Packaging type | Box |
| Country of origin | HU |
| GTIN | 4044918975667 |
| Customs tariff number | 85444290900 |

| Environmental Product Compliance | |
|---|--------------------------------------|
| CAS-No. | 7439-92-1 |
| REACH Candidate List Substance | Lead |
| RoHS Compliance Status | Compliant,With Exemption |
| RoHS Exemption | 6(c) |
| SCIP notification number (Austria) | 7c530073-aaee-47ea-ae0f-244fb2952496 |
| SCIP notification number (Belgium) | 09216a84-c1b3-4376-a6dc-0158df9700e3 |
| SCIP notification number (Bulgaria) | c5699b2b-70b1-4f3a-ab2b-a3fe69639a94 |
| SCIP notification number (Czech Republic) | 4b4c068d-a9ad-4e65-a5f0-609cb3f68883 |
| SCIP notification number (Denmark) | 76b27eed-490b-454b-a67a-c23839dc0d76 |
| SCIP notification number (Finland) | a86172eb-02b1-457a-aa47-6a25b2f3b3c2 |
| SCIP notification number (France) | d981848c-89ef-4212-a2d3-f1a70d15a9a9 |
| SCIP notification number (Germany) | cef0dfe6-3c2a-4db1-8543-54b88df310ae |
| SCIP notification number (Hungary) | 6e66f141-bcb1-4d22-8696-c6f99190c38f |
| SCIP notification number (Italy) | aea681cb-c3e4-4abb-b5a3-5c7bc527aaef |
| SCIP notification number (Netherlands) | 9ae58480-e150-4784-8052-a1aa766582b9 |
| SCIP notification number (Poland) | 7917bf91-2760-4bec-a186-055fcdf80b08 |
| SCIP notification number (Romania) | ce13f59d-2073-402d-880c-f6dd897a065a |
| SCIP notification number (Sweden) | 73787a39-dafe-4330-bb67-3a856cb376fe |

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---|----------|------------------|
| UL Underwriters Laboratories Inc. | UL 2238 | E519602 |

Downloads

Environmental Product Compliance

Compliance Search

| | |
|---|---|
| Environmental Product Compliance 756-5403/050-020 | ↓ |
|---|---|

Documentation

System Description

| | | |
|---|------------------|---|
| IP67 Cables and Plug- gable Connectors | pdf 157.80 KB | ↓ |
|---|------------------|---|

Bid Text

| | | | |
|------------------|------------|-----------------|---|
| 756-5403/050-020 | 19.02.2019 | xml 3.25 KB | ↓ |
| 756-5403/050-020 | 20.09.2017 | doc 26.50 KB | ↓ |

CAD/CAE-Data

CAE data

| | |
|------------------------------------|---|
| WSCAD Universe 756-5403/050-020 | ↓ |
|------------------------------------|---|

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

Current addresses can be found at: www.wago.com