

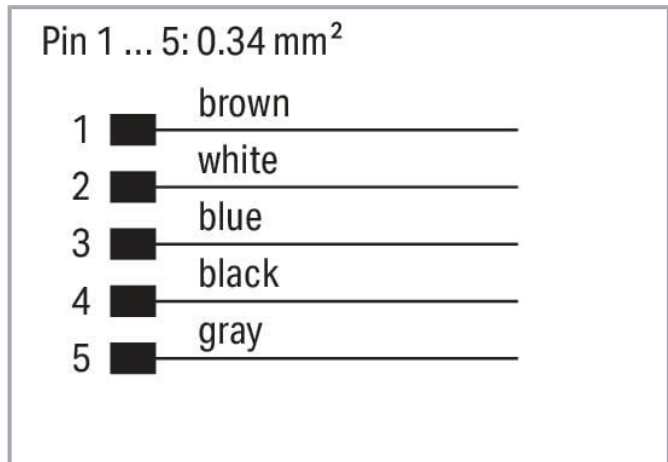
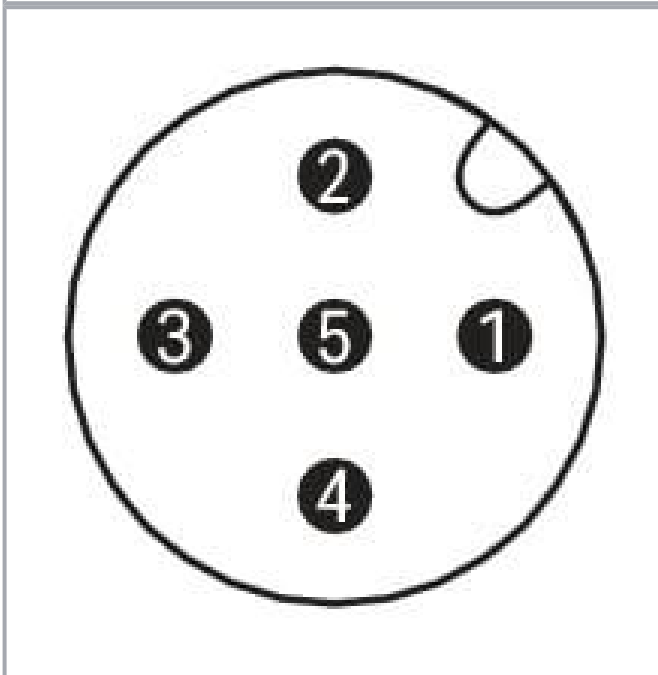
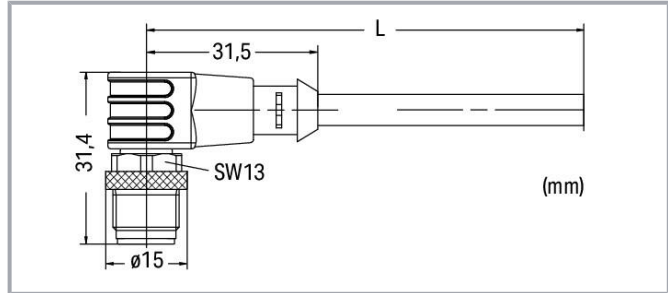
Data sheet | Item number: 756-5312/050-100

Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 10 m

www.wago.com/756-5312/050-100



i Picture differs from the item.



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

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32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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:

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

Data

Technical data

General information

| | |
|---|----------------------------|
| Operating voltage | 250 VAC/DC |
| Operating current | 4 A |
| Rated surge voltage | 1.5 kV |
| Insulation resistance | $> 10^9 \Omega$ |
| Contact resistance | 10 m Ω |
| Conductor resistance | $\leq 60 \Omega/\text{km}$ |
| 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 Mio. |
| Acceleration (min.) | 5 |
| Travel speed (max.) | 3.33 |
| Travel path (horizontal) max. | 5 |
| Travel path (vertical) max. | 2 |
| Torsional capacity | 180 |

Cable

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

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



| | |
|-------------------------|---|
| 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 plug - free end |
| Pole number | 5 |
| Cable connection direction to mating direction | 90 ° |
| Connector interface coding (cable/adapter) 1 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) | 1 pcs |
| Packaging type | Box |
| Country of origin | HU |
| GTIN | 4045454536435 |
| 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) | 72d0a8ce-1011-44ec-ada9-4c1fe63d833e |
| SCIP notification number (Belgium) | e7cf39a7-a9a3-4e0c-87f2-314c593047f3 |
| SCIP notification number (Bulgaria) | 072c7f38-085d-4627-a33c-ca27cc382e7a |
| SCIP notification number (Czech Republic) | 4ecebcbba-b32f-494f-82f1-b892b2c98b3e |

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| | |
|--|--------------------------------------|
| SCIP notification number (Denmark) | 5ea6d9c6-0f66-4731-99f2-01e0f5d417a7 |
| SCIP notification number (Finland) | e38e8b1a-6e48-45c5-b4d4-883b33f2b643 |
| SCIP notification number (France) | 3985c350-e085-4570-abd2-7252043823ae |
| SCIP notification number (Germany) | 2e56e741-223f-4f2a-b6ae-c0dae3b1a064 |
| SCIP notification number (Hungary) | efc475dc-d285-4fa9-accb-0e56ad5995fb |
| SCIP notification number (Italy) | ad6e0c0a-a903-41c5-b6ef-919ac483573d |
| SCIP notification number (Netherlands) | 1396245a-e1de-4626-86b4-60bc91e7466a |
| SCIP notification number (Poland) | f4827db9-7e48-48a3-8e29-b564c93d4df0 |
| SCIP notification number (Romania) | abc2d11d-3bc8-40ce-9172-66238f4b4abe |
| SCIP notification number (Sweden) | d8df2e7c-fb32-46e3-87d3-da033c6bbdac |

Commercial data

| |
|-----------------------|
| eCl@ss 9.0 |
| ETIM 8.0 |
| ETIM 7.0 |
| Customs tariff number |

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | UL Underwriters Laboratories Inc. | UL 2238 | E519602 |

Downloads

Documentation

Bid Text

| | | | |
|---------------------------------|-------------|----------------|----------|
| 756-5312/050-100 X81 - Datei | 2019 Feb 19 | xml 3.3 kB | Download |
| 756-5312/050-100 doc - Datei | 2017 Sep 20 | doc 27.1 kB | Download |

System Description

| | | |
|--------------------------------------|-----|----------|
| IP67 Cables and Pluggable Connectors | pdf | Download |
|--------------------------------------|-----|----------|

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130.8 kB

CAD/CAE-Data

CAE data

| | | |
|---------------------------------|---------------------|--------------------------|
| WSCAD Universe 756-5312/050-100 | URL | Download |
| WSCAD Universe 756-5312/050-100 | URL | Download |

Environmental Product Compliance

Compliance Search

| | | |
|---|---------------------|--------------------------|
| Environmental Product Compliance 756-5312/050-100 Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 10 m | URL | Download |
|---|---------------------|--------------------------|

Installation Notes

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