

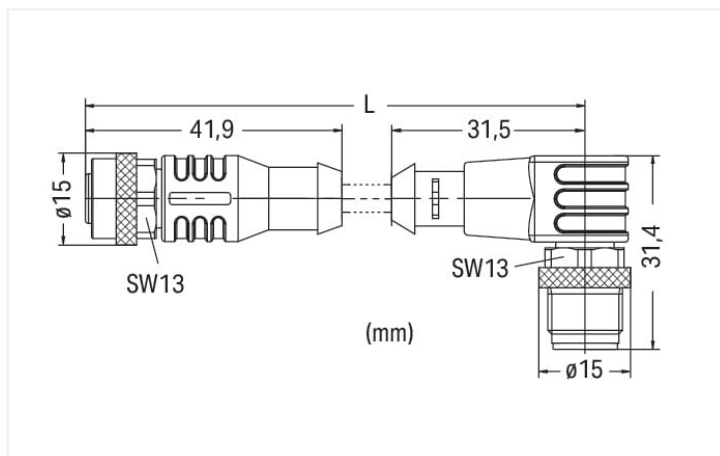
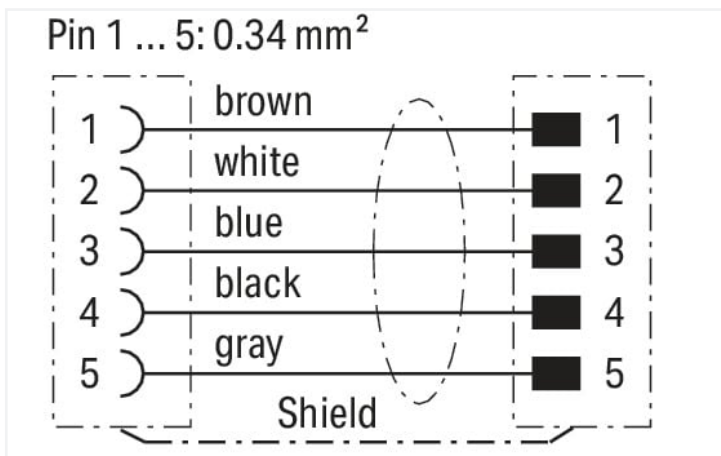
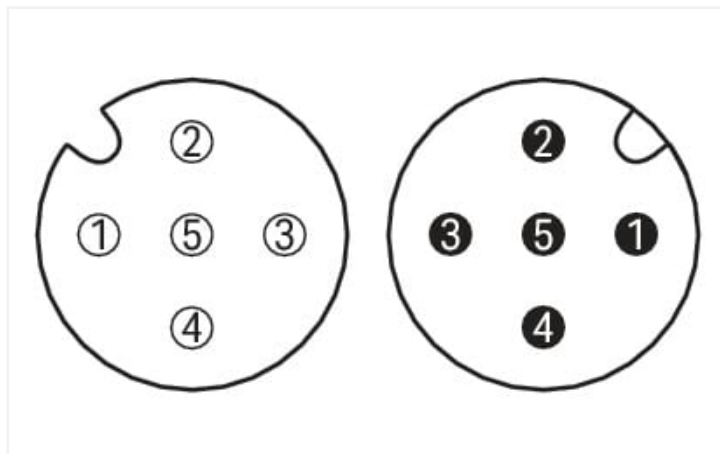
# Data Sheet | Item Number: 756-5402/060-010

Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 5-pole; Length: 1 m

<https://www.wago.com/756-5402/060-010>



Similar to illustration



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                     | ≥1.6 x 10 <sup>10</sup> Ω/km |
| Contact resistance                        | 10 mΩ                        |
| Conductor resistance                      | < 57 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                | Fixed: >4xØ; Flexible: >7.5xØ |
| Bending cycles                | 2 million                     |
| Acceleration (min.)           | 10 m/s <sup>2</sup>           |
| Travel speed (max.)           | 4 m/s                         |
| Travel path (horizontal) max. | 15 m                          |
| Torsional capacity            | 180 °/m                       |

| Cable                   |   | Connector  |                       |
|-------------------------|---|--|-----------------------|
| Cable length            | 1 m   | Connection type                                    | M12 Socket - M12 plug |
| Type code               | Li9YC11Y-HF 5x0.34 mm <sup>2</sup>  | Pole number  | 5                     |
| Overall shield          | Tinned copper braid, optical coverage approx. 80 %  | Cable connection direction to mating direction     | 0 °                   |
| Conductor configuration | Bare copper wire (7 x 0.25 mm)  | Cable connection direction to mating direction (2) | 90 °                  |
| Conductor insulation    | Halogen-free PE   | Connector interface coding (cable/adapter) 1 1     | A-coded               |
| Sheath material         | Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing | Connector interface coding (cable/adapter) 2 1     | A-coded               |
| Sheathed cable color    | black   | Housing material                                   | Polyurethane (PUR)    |
| Sheathed cable diameter | 6.3 ... 6.7 mm  | 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                  | 4045454724627 |
| 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)        | f9126812-219b-40ce-9feb-1eb0fef1ec99 |
| SCIP notification number (Belgium)        | 0b2b1dd8-8b5a-43cd-8974-5e813a5bc0a0 |
| SCIP notification number (Bulgaria)       | 8e7cbf88-45a6-47aa-89d5-85d3b7eeef1  |
| SCIP notification number (Czech Republic) | 26a7cf26-604e-43d9-b0a3-7616a63f7166 |
| SCIP notification number (Denmark)        | 578b35aa-e356-4cf1-95a3-fd5bfa946b36 |
| SCIP notification number (Finland)        | a6b17390-b758-4e72-b56f-6535271a8bd8 |
| SCIP notification number (France)         | af49d0d3-a1a1-42ed-ad8d-62a8be157995 |
| SCIP notification number (Germany)        | 789d62b8-a49b-4be0-b5b0-1733fdbf5ebd |
| SCIP notification number (Hungary)        | bce40d08-2ad3-43f1-8e7d-53453258c5e4 |
| SCIP notification number (Italy)          | 34cb2b7f-38c1-4ac6-9c84-2ae0fe2b38a7 |
| SCIP notification number (Netherlands)    | 38286d40-56ba-4766-8cb0-9e1da25c4e2c |
| SCIP notification number (Poland)         | a3ba031e-de8b-4213-b78c-c7206f91de74 |
| SCIP notification number (Romania)        | 241ce713-4875-4352-b6e2-8ce91a2667cd |
| SCIP notification number (Sweden)         | 08979635-299d-4e09-aacc-e460a6360936 |

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

|   |   |
|---|---|
| Environmental Product<br>Compliance<br>756-5402/060-010 | ↓ |
|---|---|

Documentation

System Description

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

Bid Text

|                  |            |                 |   |
|------------------|------------|-----------------|---|
| 756-5402/060-010 | 19.02.2019 | xml<br>3.28 KB  | ↓ |
| 756-5402/060-010 | 20.09.2017 | doc<br>27.00 KB | ↓ |

CAD/CAE-Data

CAE data

|                                    |   |
|------------------------------------|---|
| WSCAD Universe<br>756-5402/060-010 | ↓ |
|------------------------------------|---|

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)