

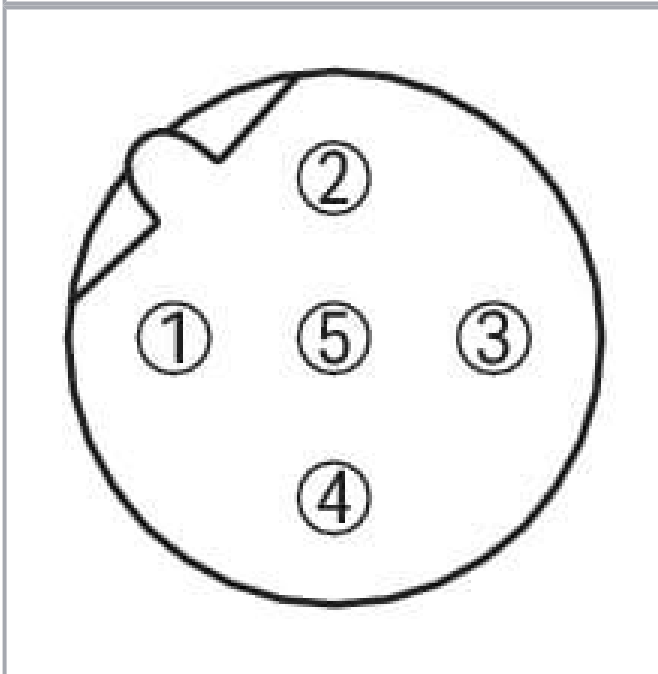
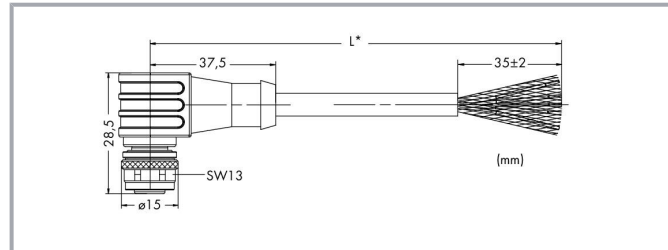
**Data sheet | Item number: 756-1302/060-200**

System bus cable; M12B socket; angled; 5-pole; Length: 20 m

[www.wago.com/756-1302/060-200](http://www.wago.com/756-1302/060-200)



Color:



Pin 1 ... 5: 0,14 mm<sup>2</sup>

|        |                                       |   |
|--------|---------------------------------------|---|
| 1      | weiß-blau                             | 1 |
| 2      | blau                                  | 2 |
| 3      | weiß-orange                           | 3 |
| 4      | orange                                | 4 |
| 5      | weiß-grün, grün,<br>weiß-braun, braun | 5 |
| Schirm |                                       |   |

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

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## Item description

### Short description:

- PUR, halogen-free
- Silicon- and CFC-free
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance
- Cable used: UL listed

## Data

### Technical data

|                                                |                             |
|------------------------------------------------|-----------------------------|
| Connection type                                | M12 socket - free end       |
| Pole number                                    | 5                           |
| Cable connection direction to mating direction | 90 °                        |
| Connector interface coding (cable/adaptor) 1 1 | B-coded                     |
| Cable length                                   | 20 m                        |
| PLC manufacturer                               | WAGO                        |
| Operating voltage                              | 60 V                        |
| Operating current                              | 4 A                         |
| Rated surge voltage                            | 1.5 kV per IEC 61076-2-101  |
| Contact resistance                             | 10 mΩ                       |
| Insulation resistance                          | $\geq 5 \times 10^8 \Omega$ |
| Conductor resistance                           | $\leq 145 \Omega/\text{km}$ |

### Mechanical Data

|                                        |                                                                                          |
|----------------------------------------|------------------------------------------------------------------------------------------|
| Bending radius                         | 5 x cable diameter (min.)                                                                |
| Sheathed cable diameter                | 6 mm                                                                                     |
| Type code                              | KS-02YS(ST+C)11Y 4x2xAWG26/7-100 Ω, shielded                                             |
| Shield                                 | Aluminum-laminated foil and tinned copper braid, optical coverage approx. 65 %           |
| Conductor configuration                | Bare copper wire (26/7 AWG)                                                              |
| Conductor insulation                   | Zell-PE; Core Ø: 1.0 mm (max.)                                                           |
| Housing material                       | TPU/TPU, black (~ RAL 9005)                                                              |
| Contact material                       | CuZn                                                                                     |
| Contact plating                        | CuNi/Au                                                                                  |
| Material properties of the connections | Hexagon knurled nut: CuZn; Knurled nut surface: nickel-plated; Sealing ring: FPM (Viton) |

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|                      |        |
|----------------------|--------|
| Mating cycles (max.) | 100    |
| Tightening torque    | 1 Nm   |
| Weight               | 770 g  |
| Color                | yellow |

## Environmental requirements

|                                 |                     |
|---------------------------------|---------------------|
| Ambient temperature (operation) | -25 ... +60 °C      |
| Protection type                 | IP67                |
| Pollution degree                | 3/2 per IEC 60664-1 |

## Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-06-18-01   |
| eCl@ss 9.0            | 27-06-18-01   |
| ETIM 8.0              | EC000237      |
| ETIM 7.0              | EC003249      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4045454791209 |
| 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)        | 82704a19-87f5-4e4c-a797-c57e4977d23c |
| SCIP notification number (Belgium)        | a7c9ed46-dd50-4d69-9e2f-d99fc02efb79 |
| SCIP notification number (Bulgaria)       | 8522fca1-0581-43e5-a310-2688e9f7cee4 |
| SCIP notification number (Czech Republic) | 9f262ccf-4709-4ab6-95b1-1f9adaf27c23 |
| SCIP notification number (Denmark)        | ec38e189-fba1-4872-854d-92c5214d519a |
| SCIP notification number (Finland)        | 40fd73dc-8270-481c-9b48-ff4cef8ec82a |
| SCIP notification number (France)         | 0effe2d9-4505-4667-a3aa-2bd677ee5e55 |
| SCIP notification number (Germany)        | b198652d-f39a-4357-ac88-ea5ab350aed9 |
| SCIP notification number (Hungary)        | 97d3b641-2c02-4c0a-8319-d721189eccc5 |
| SCIP notification number (Italy)          | b0f00cb2-c718-465a-b3aa-cfc61e6640d7 |
| SCIP notification number (Netherlands)    | 04b32c4f-a3fc-42c1-a0dc-e2d406738439 |

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|                                    |                                      |
|------------------------------------|--------------------------------------|
| SCIP notification number (Poland)  | 786ef107-7aa8-4f08-9dae-89e894de5729 |
| SCIP notification number (Romania) | cabfb46b-fdd5-4986-a4b2-ebd164f446c7 |
| SCIP notification number (Sweden)  | 1f7a595d-a879-43a4-95eb-efcdd646eb67 |

## Downloads

### Documentation

#### System Description

|                                                    |               |          |
|----------------------------------------------------|---------------|----------|
| I/O-SYSTEM – SPEEDWAY, General Product Information | pdf<br>1.1 MB | Download |
|----------------------------------------------------|---------------|----------|

## CAD/CAE-Data

### CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 756-1302/060-200 | URL | Download |
| WSCAD Universe 756-1302/060-200 | URL | Download |

## Environmental Product Compliance

### Compliance Search

|                                                                                                                  |     |          |
|------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 756-1302/060-200<br>System bus cable; M12B socket; angled; 5-pole; Length: 20 m | URL | Download |
|------------------------------------------------------------------------------------------------------------------|-----|----------|

## Installation Notes

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