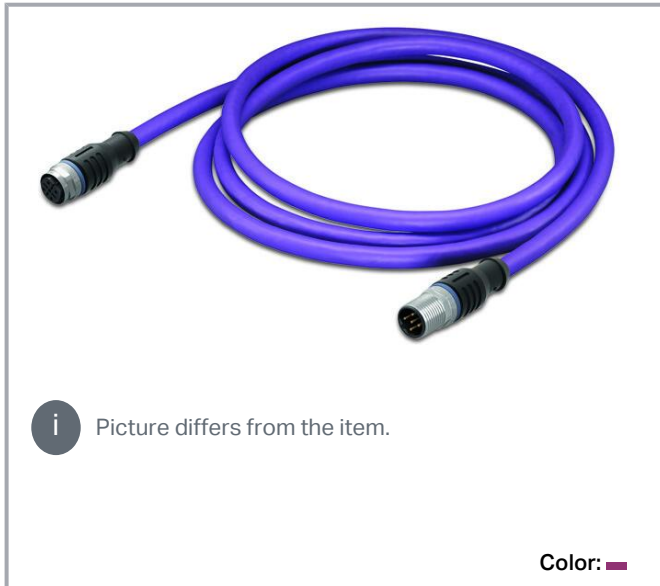


## Data sheet | Item number: 756-1405/060-005

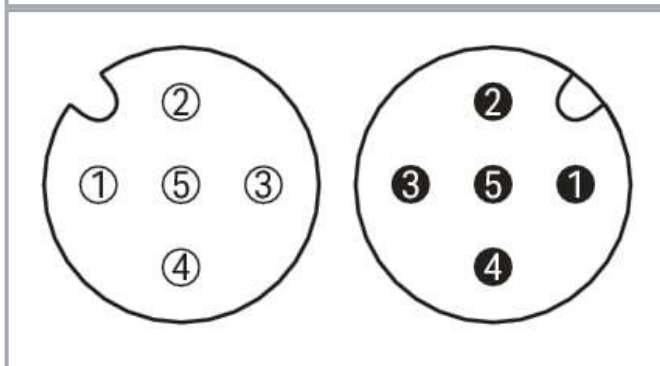
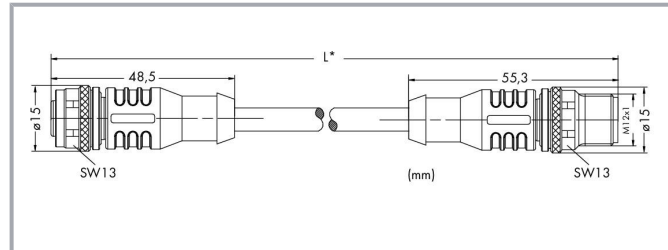
CANopen/DeviceNet cable; M12A socket; straight; M12A plug; straight; 5-pole; Length: 0.5 m

[www.wago.com/756-1405/060-005](http://www.wago.com/756-1405/060-005)



 Picture differs from the item.

Color: 



Pin 2, 3: 0,38 mm<sup>2</sup>; Pin 4, 5: 0,67 mm<sup>2</sup>

|   |   |         |  |   |
|---|---|---------|--|---|
| 1 | ) | Schirm  |  | 1 |
| 2 | ) | rot     |  | 2 |
| 3 | ) | schwarz |  | 3 |
| 4 | ) | weiss   |  | 4 |
| 5 | ) | blau    |  | 5 |

### Item description

#### Short description:

- PUR VT, halogen-free
- Suitable for drag chains
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance

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

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- Cable used: UL listed

## Data

### Technical data

|                                                    |                                         |
|----------------------------------------------------|-----------------------------------------|
| Connection type                                    | M12 socket - M12 plug                   |
| Pole number                                        | 5                                       |
| Cable connection direction to mating direction     | 0 °                                     |
| Cable connection direction to mating direction (2) | 0 °                                     |
| Connector interface coding (cable/adaptor) 1 1     | A-coded                                 |
| Connector interface coding (cable/adaptor) 2 1     | A-coded                                 |
| Cable length                                       | 0.5 m                                   |
| Communication/fieldbus                             | CANopen                                 |
| Communication/fieldbus (2)                         | DeviceNet                               |
| Operating voltage                                  | ≤ 300 V                                 |
| Operating current                                  | 4 A                                     |
| Rated surge voltage                                | 2 kV                                    |
| Contact resistance                                 | 10 mΩ                                   |
| Insulation resistance                              | ≥ 2 x 10 <sup>8</sup> Ω/km              |
| Conductor resistance                               | ≤ 57 Ω/km (22 AWG) + ≤ 79 Ω/km (24 AWG) |

### Mechanical Data

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| Bending radius          | 5 x cable diameter (min.)                             |
| Bending cycles          | 5 Mio.                                                |
| Drag chain capability   | yes                                                   |
| Sheathed cable diameter | 6.6 ... 7.2 mm                                        |
| Type code               | L-02YC11Y 2xAWG24 + 2xAWG22/1.4-120 VI FRNC, shielded |
| Shield                  | tinned copper braid, optical coverage approx. 85 %    |
| Conductor configuration | Bare copper wire (19 x 0.125 mm)                      |
| Conductor insulation    | Halogen-free PE                                       |
| Housing material        | TPU/TPU, black (~ RAL 9005)                           |
| Tightening torque       | 1 Nm                                                  |
| Weight                  | 55 g                                                  |
| Color                   | violet                                                |

### Environmental requirements

|                                           |                |
|-------------------------------------------|----------------|
| Ambient (operating) temperature (dynamic) | -40 ... +80 °C |
|-------------------------------------------|----------------|

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|                                          |                     |
|------------------------------------------|---------------------|
| Ambient (operating) temperature (static) | -40 ... +80 °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              | EC002599      |
| ETIM 7.0              | EC003249      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4050821206224 |
| Customs tariff number | 85444290900   |

Environmental Product Compliance

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

Approvals / Certificates

General approvals

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

Downloads

Documentation

System Description

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

Environmental Product Compliance

Compliance Search

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

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Environmental Product Compliance 756-1405/060-005

CANopen/DeviceNet cable; M12A socket; straight; M12A plug; straight; 5-pole;

Length: 0.5 m

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## Installation Notes

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