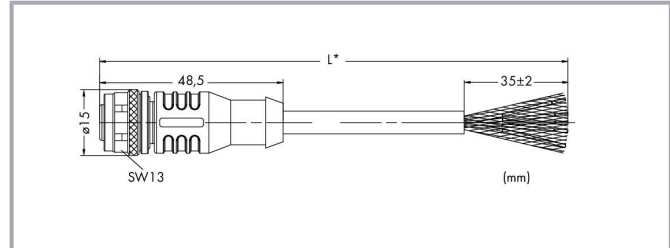
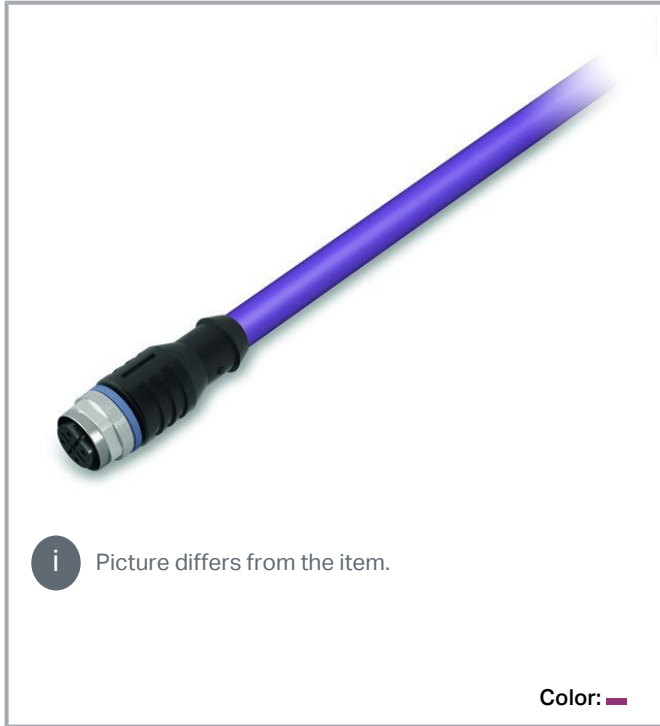


**Data sheet | Item number: 756-1401/060-020**

CANopen/DeviceNet cable; M12A socket; straight; 5-pole; Length: 2 m

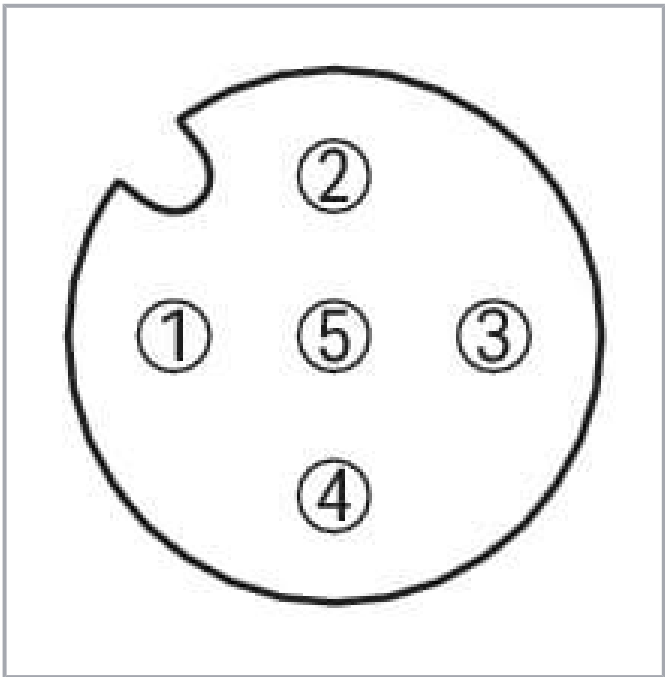
[www.wago.com/756-1401/060-020](http://www.wago.com/756-1401/060-020)



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

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| 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
- Cable used: UL listed

Data

Technical data

|                                                |                       |
|------------------------------------------------|-----------------------|
| Connection type                                | M12 socket - free end |
| Pole number                                    | 5                     |
| Cable connection direction to mating direction | 0 °                   |
| Connector interface coding (cable/adapter) 1 1 | A-coded               |
| Cable length                                   | 2 m                   |
| Communication/fieldbus                         | CANopen               |
| Communication/fieldbus (2)                     | DeviceNet             |
| Operating voltage                              | ≤ 300 V               |
| Operating current                              | 4 A                   |

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|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Rated surge voltage   | 2 kV                                                                      |
| Contact resistance    | 10 mΩ                                                                     |
| Insulation resistance | $\geq 2 \times 10^8 \Omega/\text{km}$                                     |
| Conductor resistance  | $\leq 57 \Omega/\text{km}$ (22 AWG) + $\leq 79 \Omega/\text{km}$ (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                  | 140 g                                                 |
| Color                   | violet                                                |

## Environmental requirements

|                                           |                     |
|-------------------------------------------|---------------------|
| Ambient (operating) temperature (dynamic) | -40 ... +80 °C      |
| 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                  | 4045454640255 |
| Customs tariff number | 85444290900   |

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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 |
|----------------------------------------------------|---------------|----------|

CAD/CAE-Data

CAE data

|                                 |     |          |
|---------------------------------|-----|----------|
| WSCAD Universe 756-1401/060-020 | URL | Download |
| WSCAD Universe 756-1401/060-020 | URL | Download |

Environmental Product Compliance

Compliance Search

|                                                                                                                          |     |          |
|--------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Environmental Product Compliance 756-1401/060-020<br>CANopen/DeviceNet cable; M12A socket; straight; 5-pole; Length: 2 m | URL | Download |
|--------------------------------------------------------------------------------------------------------------------------|-----|----------|

Installation Notes

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