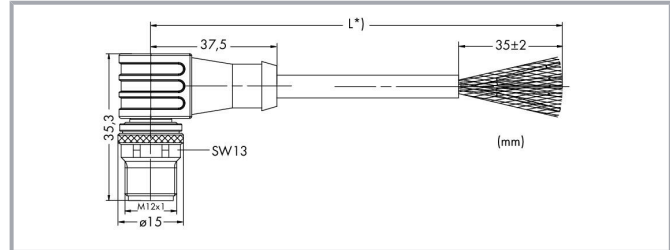
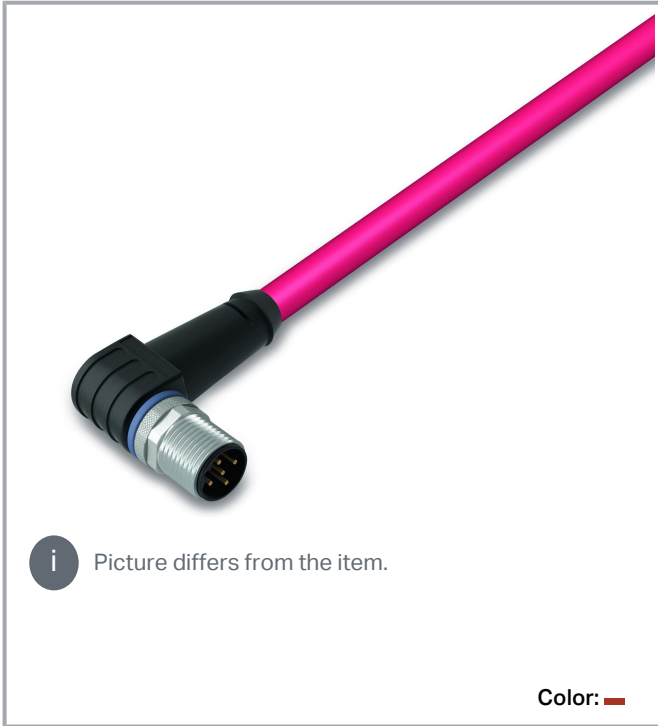


Data sheet | Item number: 756-1602/060-050
sercos cable; M12D plug; angled; 4-pole; Length: 5 m

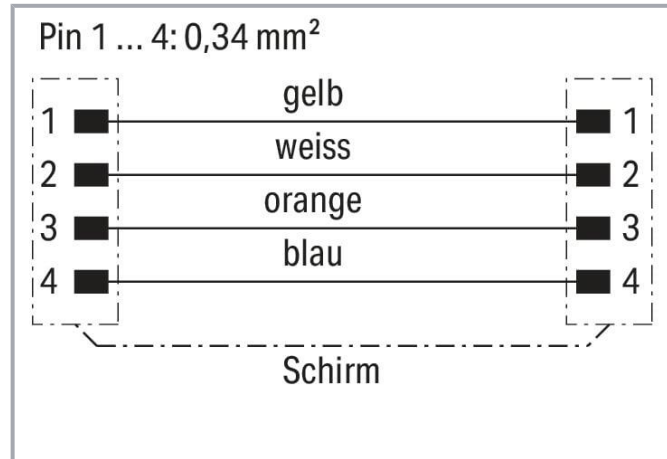
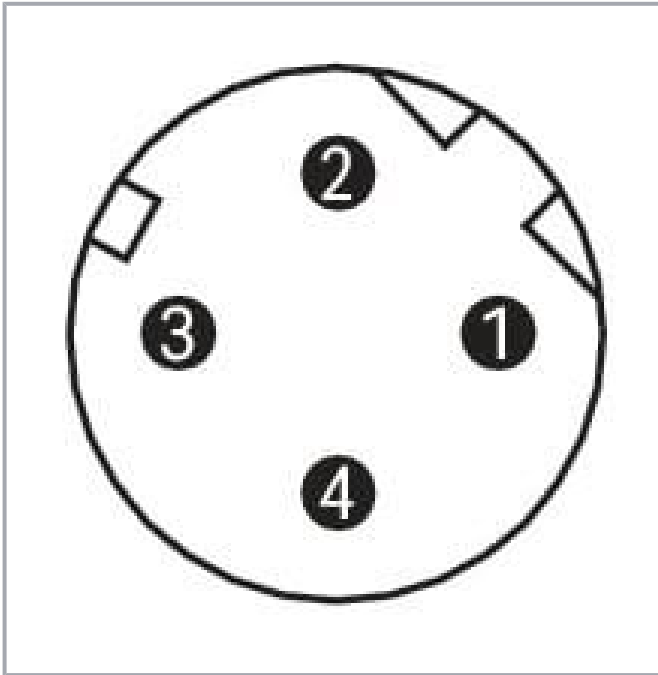
www.wago.com/756-1602/060-050



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

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Item description

Short description:

- PUR RD, halogen-free
- CAT 5e ES
- Suitable for drag chains
- Silicon- and CFC-free
- High resistance to microbes, hydrolysis, oil, ozone, chemicals and UV radiation
- Cable used: UL listed

Data

Technical data

| | |
|--|---------------------|
| Connection type | M12 plug - free end |
| Pole number | 4 |
| Cable connection direction to mating direction | 90 ° |
| Connector interface coding (cable/adaptor) 1 1 | D-coded |
| Cable length | 5 m |
| Communication/fieldbus | sercos |
| Operating voltage | 250 V |
| Operating current | 4 A |

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| | |
|-----------------------|---------------------------------------|
| Rated surge voltage | 2 kV |
| Contact resistance | 10 mΩ |
| Insulation resistance | $\geq 5 \times 10^8 \Omega/\text{km}$ |
| Conductor resistance | $< 57 \Omega/\text{km}$ |

Mechanical Data

| | |
|-------------------------|---|
| Bending radius | Single: 4 x cable diameter (min.); Multiple: 8 x cable diameter (min.) |
| Bending cycles | 3 Mio. |
| Drag chain capability | yes |
| Sheathed cable diameter | 6.3 ... 6.7 mm |
| Type code | 02YH(ST)C11Y 2x2x0.75/1.5-100 LI RT VZN FRNC, shielded |
| Shield | Overlapped aluminum-laminated foil and tinned copper braid, optical coverage approx. 85 % |
| Conductor configuration | Bare copper wire (7 x 0.25 mm) |
| Conductor insulation | Halogen-free PE |
| Housing material | TPU/TPU, black (~ RAL 9005) |
| Tightening torque | 1 Nm |
| Weight | 330 g |
| Color | red |

Environmental requirements

| | |
|---|---------------------|
| Ambient (operating) temperature (dynamic) | -40 ... +70 °C |
| Ambient (operating) temperature (static) | -40 ... +70 °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 | 4050821591450 |
| 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 Underwriters Laboratories Inc. | UL 2238 | E519602 |

Downloads

Documentation

System Description

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

CAD/CAE-Data

CAE data

| | | |
|---------------------------------|-----|----------|
| WSCAD Universe 756-1602/060-050 | URL | Download |
| WSCAD Universe 756-1602/060-050 | URL | Download |

Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 756-1602/060-050 sercos cable; M12D plug; angled; 4-pole; Length: 5 m | URL | Download |
|---|-----|----------|

Installation Notes

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