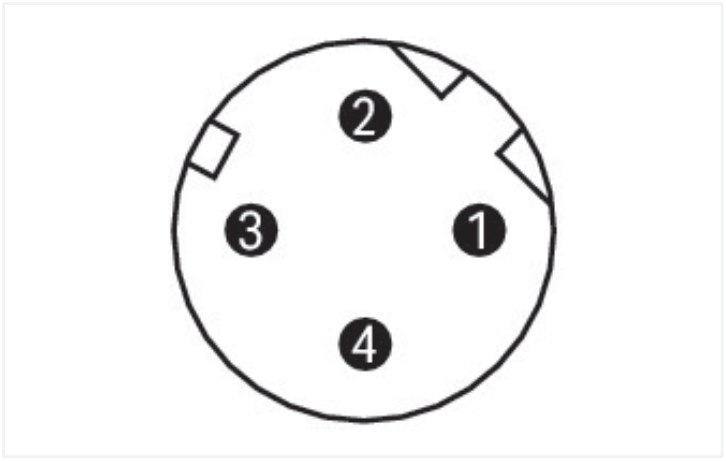
# Data Sheet | Item Number: 756-1201/060-050

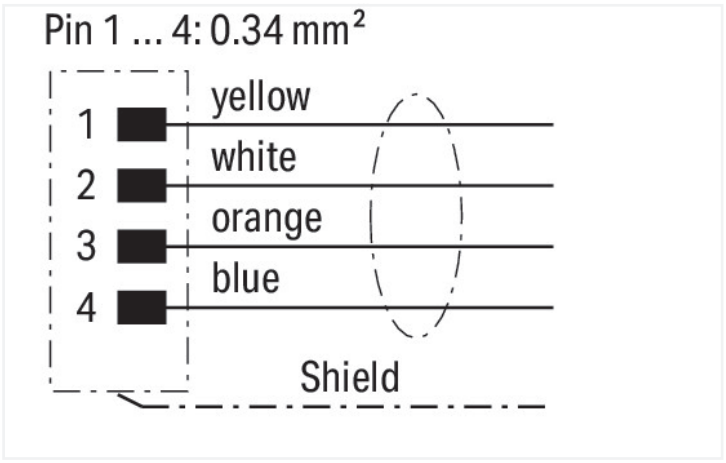
ETHERNET cable; M12D plug; straight; 4-pole; Length: 5 m

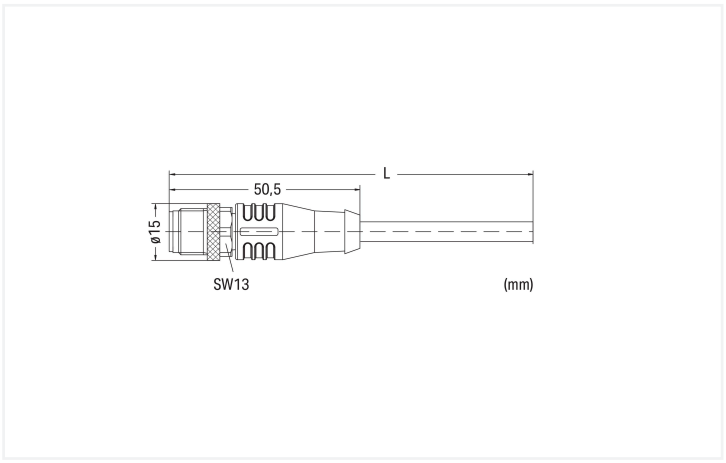
https://www.wago.com/756-1201/060-050






Color: ■ green




Dimensions in mm

**Short description:**

- PUR GN, 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

## Technical data

### General information

| | |
|---|---|
| Operating voltage | 250 V |
| Operating current | 4 A |
| Rated impulse withstand voltage | 2 kV |
| Insulation resistance | ≥ 5 x $10^8$ Ω/km |
| Contact resistance | 10 mΩ |
| Conductor resistance | < 57 Ω/km |
| Pollution degree | 3/2 per IEC 60664-1 |
| Protection type | IP67 |

### General information

| | |
|---|---|
| Ambient (operating) temperature (static) | -40 … +70 °C |
| Ambient (operating) temperature (dynamic) | -40 … +70 °C |

## Drag chain compatible

| | |
|---|---|
| Bending diameter (min.) | 200 mm |
| Bending radius | Single: 5 x cable diameter (min.); Multiple: 7.5 x cable diameter (min.) |
| Bending cycles | 3 million |
| Acceleration (min.) | 4 m/s² |
| Travel speed (max.) | 4 m/s |
| Travel path (horizontal) max. | 10 m |

## Cable

| | |
|---|---|
| Cable length | 5 m |
| Type code | 02YH(ST)C11Y 2x2x0.75/1.5-100 LI GN VZN FRNC, shielded |
| Overall 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 |
| Sheath material | Polyurethane (PUR), halogen-free per VDE 0250 Part 818, flame resistant per IEC 60332-1-2 |

## Connector

| | |
|---|---|
| Connection type | M12 plug - free end |
| Pole number | 4 |
| Cable connection direction to mating direction | 0 ° |
| Connector interface coding (cable/adapter) 1 1 | D-coded |
| Housing material | TPU/TPU, black (~ RAL 9005) |
| Contact material | CuZn |
| Tightening torque | 1 Nm |

## Commercial data

| | |
|---|---|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4045454521769 |
| Customs tariff number | 85444210000 |

## Product Classification

| | |
|---|---|
| UNSPSC | 26121609 |
| eCl@ss 10.0 | 27-06-18-01 |
| eCl@ss 9.0 | 27-06-18-01 |
| ETIM 9.0 | EC002599 |
| ETIM 10.0 | EC002599 |
| ECCN | NO US CLASSIFICATION |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

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


Continued on next page

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 756-1201/060-050

### CAD/CAE-Data

**CAE data**

WSCAD Universe 756-1201/060-050