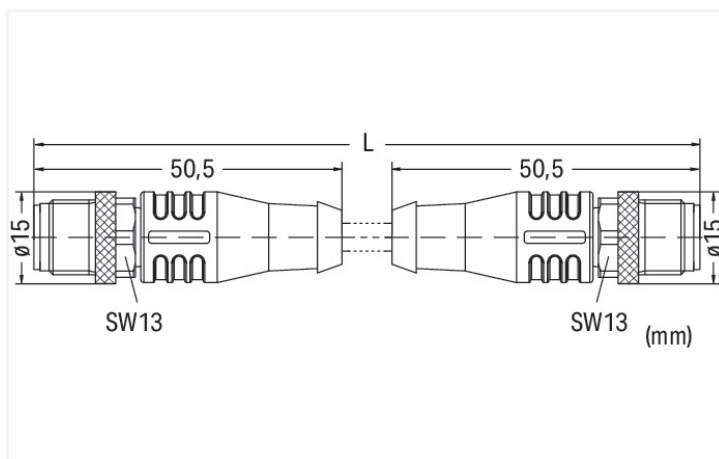
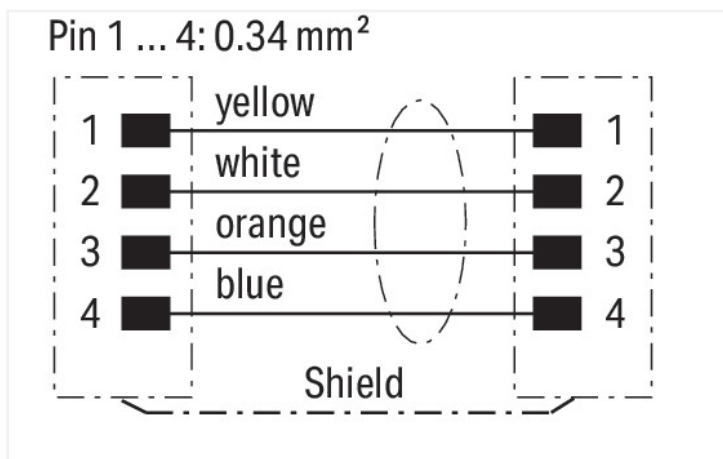


Color: ■ green



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 <sup>8</sup> 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/s <sup>2</sup>                                                       |
| Travel speed (max.)           | 4 m/s                                                                    |
| Travel path (horizontal) max. | 10 m                                                                     |

### Connector

|                                                    |                             |
|----------------------------------------------------|-----------------------------|
| Connection type                                    | M12 plug - M12 plug         |
| Pole number                                        | 4                           |
| Cable connection direction to mating direction     | 0 °                         |
| Cable connection direction to mating direction (2) | 0 °                         |
| Connector interface coding (cable/adaptor) 1 1     | D-coded                     |
| Connector interface coding (cable/adaptor) 2 1     | D-coded                     |
| Housing material                                   | TPU/TPU, black (~ RAL 9005) |
| Contact material                                   | CuZn                        |
| Tightening torque                                  | 1 Nm                        |

### Cable

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Cable length            | 20 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 |

### Commercial data

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 pcs         |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4045454521868 |
| 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<br>Inc. | UL 1863  | E345416          |

### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
756-1203/060-200



#### CAD/CAE-Data

##### CAE data

WSCAD Universe  
756-1203/060-200

