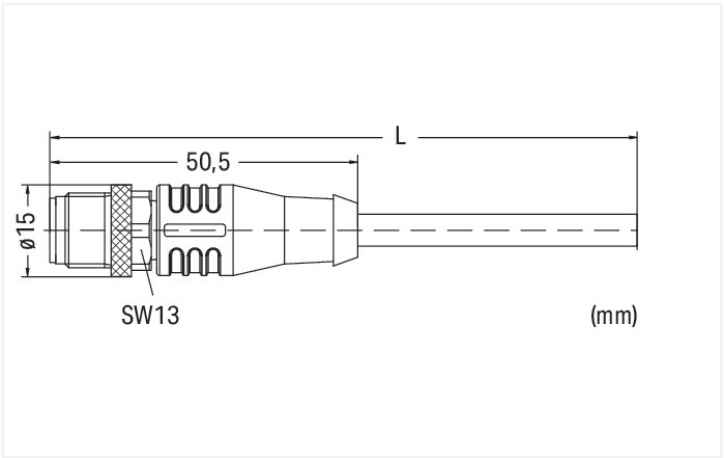
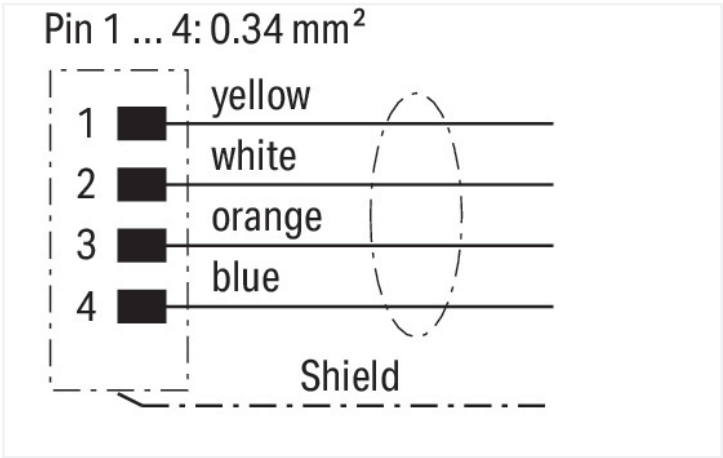
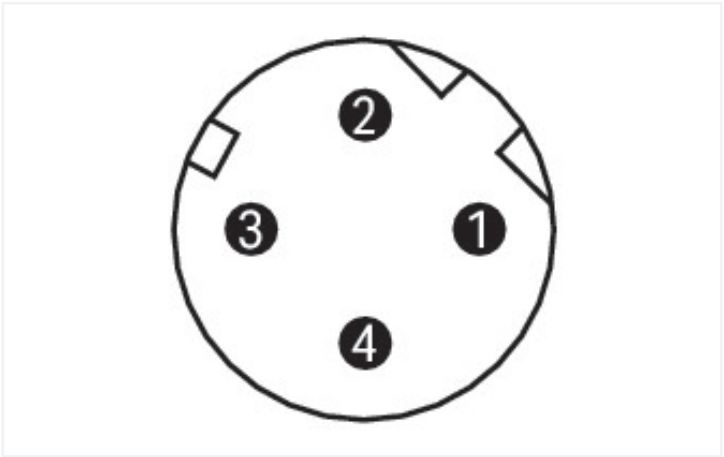




Color: ■ green



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                       |                            | Drag chain compatible         |                                                                          |
| Operating voltage                         | 250 V                      | Bending diameter (min.)       | 200 mm                                                                   |
| Operating current                         | 4 A                        | Bending radius                | Single: 5 x cable diameter (min.); Multiple: 7.5 x cable diameter (min.) |
| Rated impulse withstand voltage           | 2 kV                       | Bending cycles                | 3 million                                                                |
| Insulation resistance                     | ≥ 5 x 10 <sup>8</sup> Ω/km | Acceleration (min.)           | 4 m/s <sup>2</sup>                                                       |
| Contact resistance                        | 10 mΩ                      | Travel speed (max.)           | 4 m/s                                                                    |
| Conductor resistance                      | < 57 Ω/km                  | Travel path (horizontal) max. | 10 m                                                                     |
| Pollution degree                          | 3/2 per IEC 60664-1        |                               |                                                                          |
| Protection type                           | IP67                       |                               |                                                                          |
| Ambient (operating) temperature (static)  | -40 ... +70 °C             |                               |                                                                          |
| Ambient (operating) temperature (dynamic) | -40 ... +70 °C             |                               |                                                                          |



| Cable                   |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Cable length            | 2 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                  | 4045454521752 |
| 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 8.0               | 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          |



| Downloads                                            |                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------|
| Environmental Product Compliance                     |                                                                                   |
| Compliance Search                                    |                                                                                   |
| Environmental Product Compliance<br>756-1201/060-020 |  |

| CAD/CAE-Data                       |                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------|
| CAE data                           |                                                                                   |
| WSCAD Universe<br>756-1201/060-020 |  |