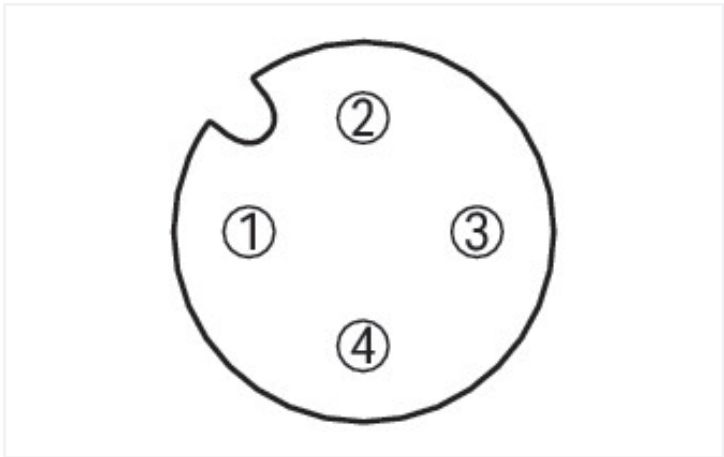
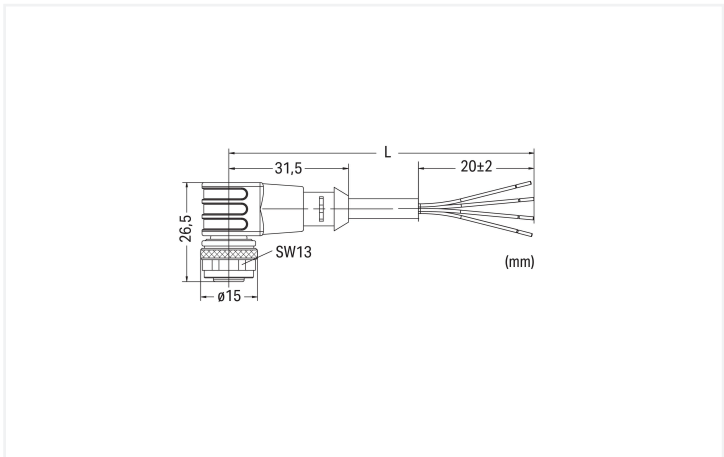




Pin 1 ... 4: 0.75 mm<sup>2</sup>

|   |       |
|---|-------|
| 1 | brown |
| 2 | white |
| 3 | blue  |
| 4 | black |



Dimensions in mm

- Short description:**
- PUR, halogen-free
  - UL / CSA
  - Suitable for drag chains
  - Silicon- and CFC-free
  - High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
  - High chemical resistance
  - Cable used: UL listed

| Technical data                                 |                       |
|------------------------------------------------|-----------------------|
| Connection type                                | M12 Socket - free end |
| Pole number                                    | 4                     |
| Cable connection direction to mating direction | 90 °                  |
| Connector interface coding (cable/adaptor) 1 1 | A-coded               |
| Cable length                                   | 2 m                   |
| PLC manufacturer                               | WAGO                  |
| Operating voltage                              | 250 VAC/DC            |
| Operating current                              | 4 A                   |
| Rated impulse withstand voltage                | 2.5 kV                |
| Contact resistance                             | 10 mΩ                 |
| Insulation resistance                          | >10 <sup>9</sup> Ω    |



Technical data

|                      |           |
|----------------------|-----------|
| Conductor resistance | ≤ 26 Ω/km |
|----------------------|-----------|

Mechanical data

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Bending radius          | 10 x cable diameter (min.) for flexible application |
| Bending cycles          | 4 million                                           |
| Drag chain capability   | Yes                                                 |
| Type code               | Lif9YH-11YH 4x0.75 mm²                              |
| Conductor configuration | Bare copper wire (40 x 0.15 mm)                     |
| Conductor insulation    | PP9Y (halogen-free)                                 |
| Housing material        | TPU/TPU, black (~ RAL 9005)                         |
| Tightening torque       | 1 Nm                                                |
| Weight                  | 10 g                                                |

Environmental requirements

|                                           |                     |
|-------------------------------------------|---------------------|
| Ambient (operating) temperature (dynamic) | -30 ... +80 °C      |
| Ambient (operating) temperature (static)  | -30 ... +80 °C      |
| Protection type                           | IP67                |
| Pollution degree                          | 3/2 per IEC 60664-1 |

Commercial data

|                           |               |
|---------------------------|---------------|
| PU (SPU)                  | 1 pcs         |
| Packaging type            | Box           |
| Country of origin         | DE            |
| GTIN                      | 4045454772420 |
| Customs tariff number     | 85444290900   |
| End of Sale               | 2024-05-01    |
| End of Production         | 2024-05-15    |
| End of Delivery           | 2024-06-01    |
| End of Service and Repair | 2025-06-01    |

Product Classification

|             |                      |
|-------------|----------------------|
| UNSPSC      | 26121604             |
| eCl@ss 10.0 | 27-06-18-01          |
| eCl@ss 9.0  | 27-06-18-01          |
| ETIM 9.0    | EC001855             |
| ECCN        | NO US CLASSIFICATION |

Environmental Product Compliance

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| RoHS Compliance Status                    | Compliant,With Exemption             |
| RoHS Exemption                            | 6(c)                                 |
| SCIP notification number (Austria)        | 847e80b3-88fe-4fb9-b848-d0a865176ef3 |
| SCIP notification number (Belgium)        | 03a18d55-bee8-4a70-857d-8e6a342771ef |
| SCIP notification number (Bulgaria)       | 99d8d4ba-5c25-417a-986d-437d17b87ed2 |
| SCIP notification number (Czech Republic) | f232249a-ee92-4c4f-99c6-fdcc89c853b4 |
| SCIP notification number (Denmark)        | b94204d0-9e9e-485a-bda0-dccf9cae905e |
| SCIP notification number (Finland)        | 9e848742-9440-4892-a7c2-6b4ac5fbb498 |
| SCIP notification number (France)         | 924c3aa0-646e-4715-bb73-3fe58440e29a |
| SCIP notification number (Germany)        | a7351f33-2048-4f4c-90ef-e6e20ee6aa1a |
| SCIP notification number (Hungary)        | 03125c00-7bcd-4966-9d38-a38427bb1812 |
| SCIP notification number (Italy)          | 8178e21e-d38e-4f3f-88e6-867f6453338e |
| SCIP notification number (Netherlands)    | 6604baed-f4d8-4dee-a527-70ae91b3a7b9 |



| Environmental Product Compliance   |                                      |
|------------------------------------|--------------------------------------|
| SCIP notification number (Poland)  | eac64253-5242-468e-8f70-0e3dcd3202b4 |
| SCIP notification number (Romania) | 5044540b-4d81-44ba-8bb8-5147da7dcde6 |
| SCIP notification number (Sweden)  | 02f98a22-741f-42f5-a3b1-086d8c399ad7 |

| Approvals / Certificates                                                         |          |                  |
|----------------------------------------------------------------------------------|----------|------------------|
| General approvals                                                                |          |                  |
|  |          |                  |
| Approval                                                                         | Standard | Certificate Name |
| UL<br>Underwriters Laboratories<br>Inc.                                          | UL 2238  | E519602          |

| Downloads                                               |                                                                                   |
|---------------------------------------------------------|-----------------------------------------------------------------------------------|
| Environmental Product Compliance                        |                                                                                   |
| Compliance Search                                       |                                                                                   |
| Environmental Product<br>Compliance<br>756-3102/040-020 |  |

| Documentation                                                |                   |                                                                                     |
|--------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| System Description                                           |                   |                                                                                     |
| I/O-SYSTEM – SPEED-<br>WAY, General Product In-<br>formation | pdf<br>1035.20 KB |  |

| CAD/CAE-Data                       |                                                                                     |
|------------------------------------|-------------------------------------------------------------------------------------|
| CAE data                           |                                                                                     |
| WSCAD Universe<br>756-3102/040-020 |  |

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)