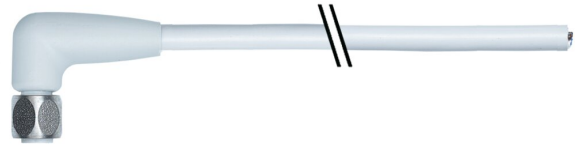


### Overview

- M8, female, A-coded; 4-poles; TPE, 1000 cm, free cable end
- Dragchain capable, suitable for robotics, suitable for food & beverage
- Head A: IP65, IP66K, IP67, IP69
- Cable: Good resistance against chemicals, flames and oils
- Halogen free



### Technical data

#### Side A

|                              |                       |
|------------------------------|-----------------------|
| Head A: Connection           | M8                    |
| Head A: Angle cable outlet   | 90°                   |
| Head A: Gender               | Female                |
| Head A: Coding               | A                     |
| Head A: No. of poles         | 4                     |
| Head A: Tightening torque    | 0.6 Nm                |
| Head A: Knurled nut material | Stainless steel (V4A) |
| Head A: Gasket material      | EPDM                  |

#### Side B

|                    |                  |
|--------------------|------------------|
| Head B: Connection | Open-ended wires |
|--------------------|------------------|

#### Cables

|                           |             |
|---------------------------|-------------|
| Cable length              | 1000 cm     |
| Stripping length          | 0 mm        |
| Conductor structure       | 42 × 0.1 mm |
| AWG                       | 22          |
| External sheath: Material | TPE         |
| External sheath: Color    | Gray        |
| Cable diameter            | 4.6 mm ±5 % |
| Wire cross section        | 0.34 mm²    |
| Cable: Halogen free       | Yes         |

#### Cable

|                                    |                          |
|------------------------------------|--------------------------|
| Cable: Temperature range (mobile)  | - 40 ...+ 105 °C         |
| Cable: Temperature range (fixed)   | - 25 ...+ 105 °C         |
| Operating voltage (only UL listed) | 30 V AC/DC               |
| Bending radius (fixed)             | 23 mm                    |
| Number of wires                    | 4                        |
| Cable length                       | 1000 cm                  |
| Acceleration (C-track)             | ≤ 10 m/s²                |
| AWG                                | 22                       |
| Bending radius (fixed)             | Min. 5 × outer diameter  |
| Bending radius (mobile)            | Min. 10 × outer diameter |
| Conductor structure                | 42 × 0.1 mm              |
| Cable diameter                     | 4.6 mm ±5 %              |
| Insulation resistance              | ≥ 1000000 Ohm            |

#### Cable

|                                 |                  |
|---------------------------------|------------------|
| Conductor: Material             | Copper, bare     |
| External sheath: Material       | TPE              |
| Insulation: Material            | TPE              |
| No. of bending cycles (C-track) | ≥ 4000000 Cycles |
| Nominal voltage                 | 240 V            |
| Cable: Test voltage             | 2000 V 0         |
| Travel speed (C-track)          | ≤ 3 m/s          |
| Traversing path (horizontal)    | ≤ 10 m           |
| Wire cross section              | 0.34 mm²         |
| External sheath: Color          | Gray             |

#### Electrical data

|                                    |            |
|------------------------------------|------------|
| Operating voltage                  | 240 V      |
| Operating voltage (only UL listed) | 30 V AC/DC |
| Nominal voltage                    | 240 V      |
| Contact resistance                 | ≤ 5 mOhm   |
| Operating current per contact      | Max. 4 A   |

#### Mechanical data

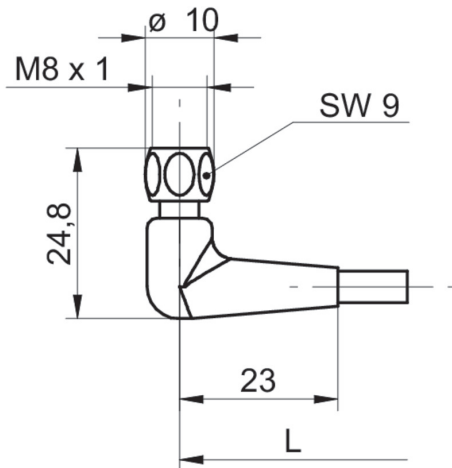
|                                 |                          |
|---------------------------------|--------------------------|
| Head A: Degree of protection    | IP65, IP67, IP68, IP69   |
| Bending radius (mobile)         | Min. 10 × outer diameter |
| Bending radius (fixed)          | Min. 5 × outer diameter  |
| No. of bending cycles (C-track) | ≥ 4000000 Cycles         |
| Acceleration (C-track)          | ≤ 10 m/s²                |
| Travel speed (C-track)          | ≤ 3 m/s                  |

#### Environmental conditions

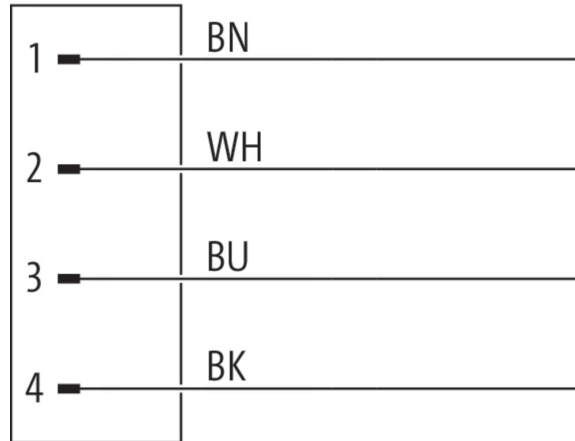
|                                  |                  |
|----------------------------------|------------------|
| Temperature range (mobile)       | - 25 ...+ 105 °C |
| Temperature range (fixed)        | - 25 ...+ 85 °C  |
| Cable: Temperature range (fixed) | - 25 ...+ 105 °C |
| Dragchain capable                | Yes              |
| Head A: Pollution degree         | 3                |
| Cable: Chemical resistance       | Good             |
| Cable: UV resistance             | Yes              |

**Side A**

**Technical drawing**



**Connection diagram**



**Coding**

