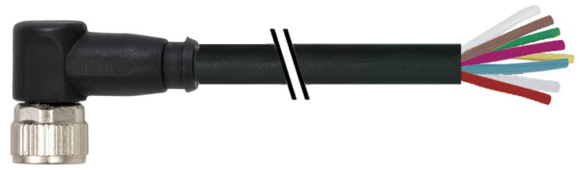


## Overview

- M8, female, A-coded, 8-poles; PUR, 2000 cm, free cable end
- Dragchain capable
- Head A: IP67
- Cable: good resistance against chemicals, flames, oils



## Technical data

### Side A

|                               |                                       |
|-------------------------------|---------------------------------------|
| Head A: Connection            | M8                                    |
| Head A: Angle cable outlet    | 90°                                   |
| Head A: Cable outlet to inlay | 180°                                  |
| Head A: Gender                | Female                                |
| Head A: Coding                | A                                     |
| Head A: No. of poles          | 8                                     |
| Head A: LED                   | No                                    |
| Head A: Width across flats    | AF9                                   |
| Head A: Tightening torque     | 0.4 Nm                                |
| Head A: Knurled nut material  | Zinc-pressure die casting, surface Ni |
| Head A: Body color            | Black                                 |
| Head A: Gasket material       | FKM                                   |
| Labeling sleeve side A        | Yes                                   |

### Side B

|                        |                  |
|------------------------|------------------|
| Head B: Connection     | Open-ended wires |
| Labeling sleeve side B | Yes              |

### Cables

|                           |             |
|---------------------------|-------------|
| Cable length              | 2000 cm     |
| Length tolerance          | ± 30 cm     |
| Shielded                  | No          |
| Conductor structure       | 18 × 0.1 mm |
| AWG                       | 26          |
| External sheath: Material | PUR         |
| External sheath: Color    | Black       |
| Cable diameter            | 5.5 mm ± 5% |

### Cables

|                    |          |
|--------------------|----------|
| Wire cross section | 0.14 mm² |
|--------------------|----------|

### Electrical data

|                               |           |
|-------------------------------|-----------|
| Operating voltage             | max. 30 V |
| Nominal voltage               | 300 V     |
| Operating current per contact | 1.5 A     |

### Mechanical data

|                                 |                          |
|---------------------------------|--------------------------|
| Head A: Degree of protection    | IP67                     |
| Bending radius (mobile)         | min. 10 × outer diameter |
| Bending radius (fixed)          | min. 6 × outer diameter  |
| No. of bending cycles (C-track) | approx. 2000000 Cycles   |
| Acceleration (C-track)          | max. 10 m/s²             |
| Travel speed (C-track)          | max. 5 m/s               |

### Environmental conditions

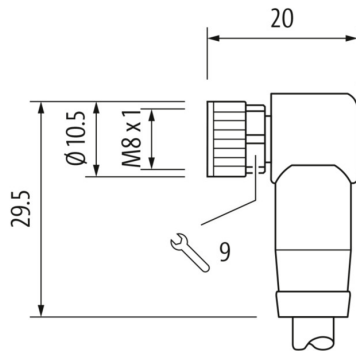
|                                   |                 |
|-----------------------------------|-----------------|
| Temperature range (mobile)        | - 5 ...+ 60 °C  |
| Temperature range (fixed)         | - 30 ...+ 80 °C |
| Cable: Temperature range (fixed)  | - 30 ...+ 80 °C |
| Dragchain capable                 | Yes             |
| Head A: Chemical resistance       | No              |
| Head A: Acid and alkali resistant | No              |
| Head A: Pollution degree          | 3               |

### Commercial data

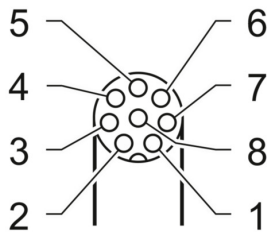
|        |          |
|--------|----------|
| Eclass | 27060311 |
|--------|----------|

## Side A

### Technical drawing



### Coding



### Connection diagram

|   |    |
|---|----|
| 1 | WH |
| 2 | BN |
| 3 | GN |
| 4 | YE |
| 5 | GY |
| 6 | PK |
| 7 | BU |
| 8 | RD |