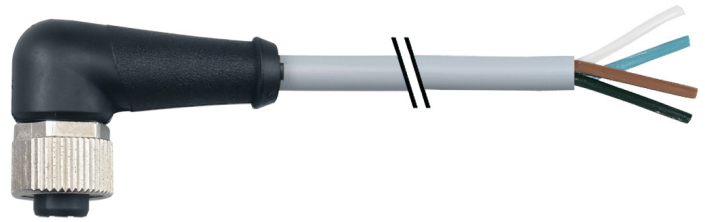


**Overview**

- M12, female, A-coded, 4-poles; PVC, 1500 cm, free cable end
- Head A: IP67
- Cable: good resistance against chemicals and oils



**Technical data**

**Side A**

|                              |                                       |
|------------------------------|---------------------------------------|
| Head A: Connection           | M12                                   |
| Head A: Angle cable outlet   | 90°                                   |
| Head A: Gender               | Female                                |
| Head A: Coding               | A                                     |
| Head A: No. of poles         | 4                                     |
| Head A: LED                  | No                                    |
| Head A: Width across flats   | AF13                                  |
| Head A: Tightening torque    | 0.6 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              | 1500 cm              |
| Stripping length          | 20 mm                |
| Shielded                  | No                   |
| Conductor structure       | 19 × 0.15 mm         |
| AWG                       | 22                   |
| External sheath: Material | PVC                  |
| External sheath: Color    | Gray                 |
| Cable diameter            | 5 mm ± 5%            |
| Wire cross section        | 0.34 mm <sup>2</sup> |

**Cable**

|                                    |                 |
|------------------------------------|-----------------|
| Cable: Temperature range (mobile)  | - 5 ...+ 80 °C  |
| Cable: Temperature range (fixed)   | - 30 ...+ 80 °C |
| Operating voltage (only UL listed) | 30 V AC/DC      |
| Shielded                           | No              |
| Bending radius (fixed)             | 25 mm           |
| Number of wires                    | 4               |
| Number and diameter of wires       | 4x0.34          |
| Cable length                       | 1500 cm         |
| AWG                                | 22              |

**Cable**

|                               |                         |
|-------------------------------|-------------------------|
| Bending radius (fixed)        | min. 5 × outer diameter |
| Cable type                    | 1                       |
| Cable weight                  | approx. 40.7 g/m        |
| Conductor structure           | 19 × 0.15 mm            |
| Cable diameter                | 5 mm ± 5%               |
| Conductor: Material           | Copper, bare            |
| External sheath: Material     | PVC                     |
| Insulation: Material          | PVC                     |
| Nominal voltage               | 300 V AC                |
| Paired stranding              | No                      |
| Single wire diameter          | 0.15 mm                 |
| Cable: Test voltage           | 2 kV                    |
| Total stranding               | 4 wires strand          |
| Wire cross section            | 0.34 mm <sup>2</sup>    |
| Wire processing               | No                      |
| Wire diameter incl. isolation | 1.25 mm ± 5%            |
| External sheath: Color        | Gray                    |

**Electrical data**

|                                    |                  |
|------------------------------------|------------------|
| Operating voltage                  | max. 250 V AC/DC |
| Operating voltage (only UL listed) | 30 V AC/DC       |
| Nominal voltage                    | 300 V AC         |
| Contact resistance                 | max. 30 mOhm     |
| Operating current per contact      | max. 4 A         |

**Mechanical data**

|                              |                         |
|------------------------------|-------------------------|
| Head A: Degree of protection | IP65, IP66K, IP67       |
| Bending radius (fixed)       | min. 5 × outer diameter |

**Environmental conditions**

|                                  |                 |
|----------------------------------|-----------------|
| Temperature range (mobile)       | - 5 ...+ 80 °C  |
| Temperature range (fixed)        | - 25 ...+ 80 °C |
| Cable: Temperature range (fixed) | - 30 ...+ 80 °C |
| Dragchain capable                | No              |
| Head A: Chemical resistance      | No              |
| Head A: Flame resistance         | HB (UL 94)      |

## Technical data

### Environmental conditions

|                                   |  |
|-----------------------------------|--|
| Head A: Oil resistance            | Good resistance to ASTM 1 oil and mineral oils. Limited resistance to hydraulic oils. If other oils are used, the resistance must be checked in relation to the application. |
| Head A: Acid and alkali resistant | No   |
| Head A: Pollution degree          | 3  |

### Environmental conditions

|                            |                      |
|----------------------------|----------------------|
| Cable: Chemical resistance | Good                 |
| Cable: Flame resistance    | Conform UL 1581 VW-1 |
| Cable: Oil resistance      | Good                 |
| Cable: Silicone-free       | Yes                  |

### Commercial data

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