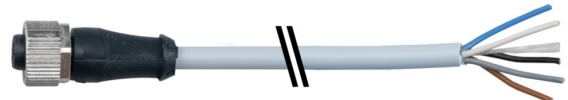


Overview

- M12, female, A-coded, 5-poles; PVC, 500 cm, open cable end
- Head A: IP65, IP66K, IP67



Technical data

| Side A | | Cable | |
|-----------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| Head A: Connection | M12 | Number of wires | 5 |
| Head A: Angle cable outlet | 0° | Number and diameter of wires | 5x0,34 |
| Head A: Gender | Female | Cable length | 500 cm |
| Head A: Coding | A | AWG | 22 |
| Head A: No. of poles | 5 | Bending radius (fixed) | min. 5 × outer diameter |
| Head A: LED | No | Bending radius (mobile) | min. 10 × outer diameter |
| Head A: Width across flats | AF13 | Cable type | 1 |
| Head A: Tightening torque | 0.6 Nm | Wire 1: Color | BN |
| Head A: Knurled nut material | Zinc-pressure die casting, surface Ni | Wire 2: Color | BK |
| Head A: Body color | Black | Wire 3: Color | BU |
| Head A: Gasket material | FKM | Wire 4: Color | WH |
| Labeling sleeve side A | Yes | Wire 5: Color | GY |
| Side B | | Conductor structure | 19 × 0.15 mm |
| Head B: Connection | Open-ended wires | Cable diameter | 5.2 mm ± 5% |
| Labeling sleeve side B | Yes | Conductor: Material | Copper, bare |
| Cables | | External sheath: Material | PVC |
| Cable length | 500 cm | Insulation: Material | PVC |
| Shielded | No | Nominal voltage | 300 V AC |
| Conductor structure | 19 × 0.15 mm | Paired stranding | No |
| AWG | 22 | Single wire diameter | 0.15 mm |
| External sheath: Material | PVC | Cable: Test voltage | 2 kV |
| External sheath: Color | Gray | Total stranding | 5 wires strand around core-filler |
| Cable diameter | 5.2 mm ± 5% | Wire cross section | 0.34 mm ² |
| Wire cross section | 0.34 mm ² | Wire processing | No |
| Cable | | Wire diameter incl. isolation | 1.25 mm ± 5% |
| Cable: Temperature range (mobile) | - 5 ...+ 80 °C | External sheath: Color | Gray |
| Cable: Temperature range (fixed) | - 30 ...+ 80 °C | Electrical data | |
| Shielded | No | Operating voltage | max. 125 V AC/DC 0 |
| | | Nominal voltage | 300 V AC |

Technical data
Electrical data

| | |
|-------------------------------|--------------|
| Contact resistance | max. 30 mOhm |
| Operating current per contact | max. 4 A |

Mechanical data

| | |
|------------------------------|--------------------------|
| Head A: Degree of protection | IP65, IP66K, IP67 |
| Bending radius (mobile) | min. 10 × outer diameter |
| 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 |

Environmental conditions

| | |
|-----------------------------------|--|
| Head A: Flame resistance | HB (UL 94) |
| 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 |
| Cable: Chemical resistance | Good |
| Cable: Flame resistance | Conform UL 1581 VW-1 |
| Cable: Oil resistance | Good |
| Cable: Silicone-free | Yes |

Commercial data

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