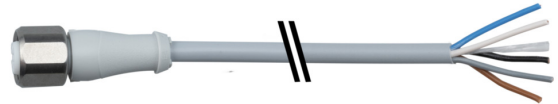


Overview

- M12, female, A-coded, 5-poles; PVC, 2000 cm, open cable end
- Head A: IP65, IP66K, IP67



Technical data

Side A

| | |
|------------------------------|-----------------------|
| Head A: Connection | M12 |
| Head A: Angle cable outlet | 0° |
| Head A: Gender | Female |
| Head A: Coding | A |
| Head A: No. of poles | 4 |
| Head A: LED | No |
| Head A: Width across flats | AF14 |
| Head A: Tightening torque | 0.6 Nm |
| Head A: Knurled nut material | Stainless steel (V4A) |
| Head A: Body color | Gray |
| Head A: Gasket material | FKM |
| Labeling sleeve side A | No |

Side B

| | |
|------------------------|------------------|
| Head B: Connection | Open-ended wires |
| Labeling sleeve side B | No |

Cables

| | |
|---------------------------|----------------------|
| Cable length | 2000 cm |
| Shielded | No |
| Conductor structure | 19 × 0.15 mm |
| AWG | 22 |
| External sheath: Material | PVC |
| External sheath: Color | Gray |
| Cable diameter | 5.2 mm ± 5% |
| Wire cross section | 0.34 mm ² |

Cable

| | |
|-----------------------------------|-----------------|
| Cable: Temperature range (mobile) | - 5 ...+ 80 °C |
| Cable: Temperature range (fixed) | - 30 ...+ 80 °C |
| Shielded | No |

Cable

| | |
|-------------------------------|-----------------------------------|
| Number of wires | 5 |
| Number and diameter of wires | 5x0.34 |
| Cable length | 2000 cm |
| AWG | 22 |
| Bending radius (fixed) | min. 5 × outer diameter |
| Bending radius (mobile) | min. 10 × outer diameter |
| Cable type | 1 |
| Conductor structure | 19 × 0.15 mm |
| Cable diameter | 5.2 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 | 5 wires strand around core-filler |
| Wire cross section | 0.34 mm ² |
| Wire processing | No |
| Wire diameter incl. isolation | 1.25 mm ± 5% |
| External sheath: Color | Gray |

Electrical data

| | |
|-------------------------------|--------------------|
| Operating voltage | max. 125 V AC/DC 0 |
| 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, IP68 |
|------------------------------|------------|

Technical data
Mechanical data

| | |
|-------------------------|--------------------------|
| 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 |
| 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. |

Environmental conditions

| | |
|-----------------------------------|----------------------|
| 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 |
|--------|----------|