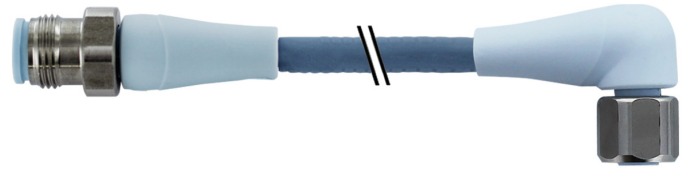


Overview

- M12, male, A-coded, 5-poles; PUR, 2000 cm; M12, female, 90°, A-coded, 5-poles
- Dragchain capable, suitable for robotics $\pm 180^\circ/\text{m}$
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames and oils
- Halogen free



Technical data

| Side A | | Cable | |
|------------------------------------|-----------------------|------------------------------------|---|
| Head A: Connection | M12 | Number and diameter of wires | 5x0.34 |
| Head A: Angle cable outlet | 0° | Cable length | 2000 cm |
| Head A: Gender | Male | AWG | 22 |
| Head A: Coding | A | Torsion speed | max. 35 cycles/min |
| Head A: No. of poles | 5 | Wire 1: Color | BN |
| Head A: LED | No | Wire 2: Color | BK |
| Head A: Width across flats | AF14 | Wire 3: Color | BU |
| Head A: Tightening torque | 0.6 Nm | Wire 4: Color | WH |
| Head A: Knurled nut material | Stainless steel (V4A) | Wire 5: Color | GY |
| Head A: Body color | Blue | Cable diameter | 4.7 mm \pm 5% |
| Labeling sleeve side A | No | Conductor: Material | Copper, bare |
| Side B | | External sheath: Material | TPE-S |
| Head B: Connection | M12 | Insulation: Material | PP |
| Head B: Angle cable outlet | 90° | Paired stranding | No |
| Head B: Gender | Female | Torsion stress in ° | $\pm 180^\circ/\text{m}$ |
| Head B: Coding | A | Total stranding | 5 wires strand around core-filler |
| Head B: No. of poles | 5 | Wire cross section | 0.34 mm ² |
| Head B: LED | No | Wire processing | No |
| Head B: Width across flats | AF14 | External sheath: Color | Blue |
| Head B: Knurled nut material | Stainless steel (V4A) | Electrical data | |
| Head B: Body color | Blue | Operating voltage (only UL listed) | 30 V AC/DC |
| Head B: Gasket material | EPDM | Mechanical data | |
| Labeling sleeve side B | No | Head A: Degree of protection | IP65, IP68, IP69K |
| Cables | | Head B: Degree of protection | IP65, IP68, IP69K |
| Cable length | 2000 cm | Torsion speed | max. 35 cycles/min |
| Shielded | No | Torsion stress in ° | $\pm 180^\circ/\text{m}$ |
| AWG | 22 | Environmental conditions | |
| External sheath: Material | TPE-S | Temperature range (mobile) | - 25 ...+ 80 °C |
| External sheath: Color | Blue | Temperature range (fixed) | - 25 ...+ 85 °C |
| Cable diameter | 4.7 mm \pm 5% | Dragchain capable | Yes |
| Wire cross section | 0.34 mm ² | Head A: Chemical resistance | Chemical resistance tested according to ECOLAB. If other media are used, the material resistance must be tested according to the application. |
| Cable | | Head A: Flame resistance | HB (UL 94) |
| Operating voltage (only UL listed) | 30 V AC/DC | | |
| Shielded | No | | |
| Bending radius (fixed) | 23.5 mm | | |
| Number of wires | 5 | | |

2025-03-03 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

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 | Chemical resistance tested according to ECOLAB. If other media are used, the material resistance must be tested according to the application. |
| Head A: Pollution degree | 3 |
| Head B: Chemical resistance | Chemical resistance tested according to ECOLAB. If other media are used, the material resistance must be tested according to the application. |
| Head B: Flame resistance | HB (UL 94) |
| Head B: 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 B: Acid and alkali resistant | Chemical resistance tested according to ECOLAB. If other media are used, the material resistance must be tested according to the application. |
| Head B: Pollution degree | 3 |
| Cable: Acid and alkali resistant | Good (analogue FDA 21 178.3620, 178.3297, 177.1520) |
| Cable: Silicone-free | Yes |

Commercial data

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