

Vue d'ensemble

- M12, male, A-coded, 5-poles; PUR, 300 cm; M12, female, 90°, A-coded, 5-poles
- Dragchain capable, suitable for robotics ± 180 °/m
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames and oils
- Halogen free



Caractéristiques techniques

| Side A | | Cable | |
|------------------------------------|---------------------------------------|------------------------------------|--|
| Head A: Connection | M12 | Number and diameter of wires | 5x0,34 |
| Head A: Angle cable outlet | 0° | Cable length | 300 cm |
| Head A: Gender | Male | AWG | 22 |
| Head A: Coding | A | Torsion speed | max. 35 cycles/min |
| Head A: No. of poles | 5 | Cable type | 3 |
| Head A: LED | No | Cable diameter | 4,5 mm \pm 5% |
| Head A: Width across flats | AF13 | Conductor: Material | Copper, bare |
| Head A: Tightening torque | 0,6 Nm | External sheath: Material | PUR |
| Head A: Knurled nut material | Zinc-pressure die casting, surface Ni | Insulation: Material | PP |
| Head A: Body color | Black | Paired stranding | No |
| Labeling sleeve side A | Yes | Torsion stress in ° | ± 180 °/m |
| Side B | | Total stranding | 5 wires strand around core-filler |
| Head B: Connection | M12 | Wire cross section | 0,34 mm ² |
| Head B: Angle cable outlet | 90° | Wire processing | No |
| Head B: Gender | Female | External sheath: Color | Black |
| Head B: Coding | A | Données électriques | |
| Head B: No. of poles | 5 | Operating voltage (only UL listed) | 30 V AC/DC |
| Head B: LED | No | Données mécaniques | |
| Head B: Width across flats | AF13 | Head A: Degree of protection | IP65, IP66K, IP67 |
| Head B: Knurled nut material | Zinc-pressure die casting, surface Ni | Head B: Degree of protection | IP65, IP66K, IP67 |
| Head B: Body color | Black | Torsion speed | max. 35 cycles/min |
| Head B: Gasket material | FKM | Torsion stress in ° | ± 180 °/m |
| Labeling sleeve side B | Yes | Conditions ambiantes | |
| Cables | | Temperature range (mobile) | - 25 ...+ 80 °C |
| Cable length | 300 cm | Temperature range (fixed) | - 25 ...+ 85 °C |
| Shielded | No | Dragchain capable | Oui |
| AWG | 22 | Head A: Chemical resistance | No |
| External sheath: Material | PUR | Head A: Flame resistance | HB (UL 94) |
| External sheath: Color | Black | 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. |
| Cable diameter | 4,5 mm \pm 5% | Head A: Acid and alkali resistant | No |
| Wire cross section | 0,34 mm ² | | |
| Cable | | | |
| Operating voltage (only UL listed) | 30 V AC/DC | | |
| Shielded | No | | |
| Bending radius (fixed) | 22,5 mm | | |
| Number of wires | 5 | | |

Caractéristiques techniques

Conditions ambiantes

| | |
|-----------------------------------|--|
| Head A: Pollution degree | 3 |
| Head B: Chemical resistance | No |
| 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. |
| Head B: Acid and alkali resistant | No |

Conditions ambiantes

| | |
|----------------------------|---------------------------|
| Head B: Pollution degree | 3 |
| Cable: Chemical resistance | Good (DIN EN 60811-404) |
| Cable: Flame resistance | Conform UL 1581 §1090 (H) |
| Cable: Oil resistance | Good (DIN EN 60811-404) |
| Cable: Silicone-free | Oui |

Commercial data

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| Eclass | 27060311 |
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