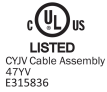


Vue d'ensemble

- M12, Male, A-coded, 4-poles; PVC, shielded, 100 cm, free cable end
- For static applications
- Head A: IP65, IP66K, IP67
- Cable: good resistance against chemicals, flames



Caractéristiques techniques

| Side A | | Cable | |
|------------------------------------|---------------------------------------|------------------------------------|--------------------------|
| Head A: Connection | M12 | Length tolerance | + 5 cm |
| Head A: Angle cable outlet | 0° | Cable length | 100 cm |
| Head A: Gender | Male | AWG | 22 |
| Head A: Coding | A | Bending radius (fixed) | min. 10 × outer diameter |
| Head A: No. of poles | 4 | Cable type | 1 |
| Head A: LED | No | Cable weight | approx. 58,3 g/m |
| Head A: Width across flats | AF13 | Conductor structure | 19 × 0,15 mm |
| Head A: Tightening torque | 0,6 Nm | Cable diameter | 5,3 mm ± 5% |
| Head A: Knurled nut material | Zinc-pressure die casting, surface Ni | Conductor: Material | Copper, bare |
| Head A: Body color | Black | External sheath: Material | PVC |
| Labeling sleeve side A | Yes | Insulation: Material | PVC |
| Side B | | Shielding: Material | Copper, tinned |
| Head B: Connection | Open-ended wires | Nominal voltage | 300 V AC |
| Labeling sleeve side B | Yes | Paired stranding | No |
| Cables | | Single wire diameter | 0,15 mm |
| Cable length | 100 cm | Cable: Test voltage | 2 kV 0 |
| Length tolerance | + 5 cm | Total stranding | 4 wires strand |
| Stripping length | 20 mm | Wire cross section | 0,34 mm ² |
| Shielded | Oui | Wire processing | No |
| Conductor structure | 19 × 0,15 mm | Wire diameter incl. isolation | 1,25 mm ± 5% |
| AWG | 22 | External sheath: Color | Black |
| External sheath: Material | PVC | Données électriques | |
| External sheath: Color | Black | Operating voltage | max. 60 V AC/DC 0 |
| Cable diameter | 5,3 mm ± 5% | Operating voltage (only UL listed) | 30 V AC/DC |
| Wire cross section | 0,34 mm ² | Nominal voltage | 300 V AC |
| Cable | | Contact resistance | max. 30 mOhm |
| External sheath: Shore hardness | 85 ± 5 A | Operating current per contact | max. 4 A |
| Cable: Temperature range (mobile) | - 5 ...+ 80 °C | Données mécaniques | |
| Cable: Temperature range (fixed) | - 30 ...+ 80 °C | Head A: Degree of protection | IP65, IP66K, IP67 |
| Operating voltage (only UL listed) | 30 V AC/DC | Bending radius (fixed) | min. 10 × outer diameter |
| Shielded | Oui | Conditions ambiantes | |
| Shielding: Covering | approx. 80 % | Temperature range (mobile) | - 5 ...+ 80 °C |
| Bending radius (fixed) | 53 mm | Temperature range (fixed) | - 25 ...+ 80 °C |
| Number of wires | 4 | Cable: Temperature range (fixed) | - 30 ...+ 80 °C |
| Number and diameter of wires | 4x0,34 | Dragchain capable | No |

Caractéristiques techniques

Conditions ambiantes

| | |
|-----------------------------------|---|
| Head A: Chemical resistance | No |
| Head A: Flame resistance | HB (UL 94) |
| Head A: Oil resistance | ASTM 1 oil, mineral oils, limited to hydraulic oils |
| Head A: Acid and alkali resistant | No |
| Head A: Pollution degree | 3 |

Conditions ambiantes

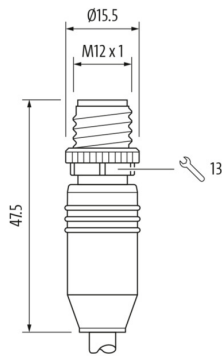
| | |
|----------------------------|--|
| Cable: Chemical resistance | Good |
| Cable: Flame resistance | Conform UL 1581 VW-1, CSA FT1, IEC 60332-1-2 |
| Cable: Oil resistance | Good |
| Cable: Silicone-free | Oui |

Commercial data

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

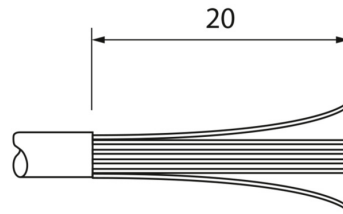
Side A

Technical drawing



Side B

Technical drawing



Coding

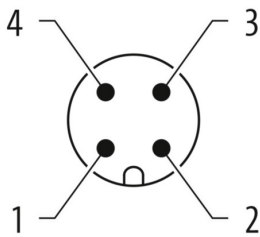


Schéma de raccordement

