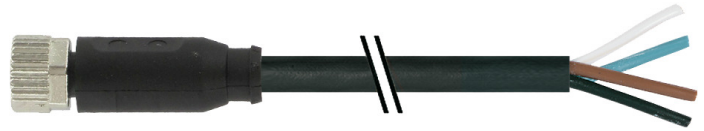


Overview

- M8, female, A-coded; 4-poles; PUR, 2500 cm, free cable end
- Dragchain capable
- Head A: IP65, IP66K, IP67
- Cable: good resistance against flames and oils
- Halogen free



Technical data

| Side A | | Cable | |
|------------------------------------|---|------------------------------------|--------------------------|
| Head A: Connection | M8 | Number and diameter of wires | 4x0.25 |
| Head A: Angle cable outlet | 0° | Length tolerance | ± 37.5 cm |
| Head A: Gender | Female | Cable length | 2500 cm |
| Head A: Coding | A | Acceleration (C-track) | max. 10 m/s ² |
| Head A: No. of poles | 4 | AWG | 24 |
| Head A: LED | No | Bending radius (fixed) | min. 5 × outer diameter |
| Head A: Width across flats | AF9 | Torsion speed | max. 35 cycles/min |
| Head A: Tightening torque | 0.4 Nm | Bending radius (mobile) | min. 10 × outer diameter |
| Head A: Knurled nut material | Zinc-pressure die casting, surface Ni-ial | Cable type | 3 |
| Head A: Body color | Black | Cable weight | approx. 33 g/m |
| Head A: Gasket material | FKM | Conductor structure | 32 × 0.1 mm |
| Labeling sleeve side A | Yes | Cable diameter | 4.5 mm ± 5% |
| Side B | | Conductor: Material | Copper, bare |
| Head B: Connection | Open-ended wires | External sheath: Material | PUR |
| Labeling sleeve side B | Yes | Insulation: Material | PP |
| Cables | | No. of bending cycles (C-track) | approx. 10000000 Cycles |
| Cable length | 2500 cm | Nominal voltage | 300 V |
| Length tolerance | ± 37.5 cm | No. of torsion cycles | approx. 2000000 Cycles |
| Stripping length | 20 mm | Paired stranding | No |
| Shielded | No | Single wire diameter | 0.1 mm |
| Conductor structure | 32 × 0.1 mm | Cable: Test voltage | 2.5 kV |
| AWG | 24 | Torsion stress in ° | ± 180 °/m |
| External sheath: Material | PUR | Total stranding | 4 wires strand |
| External sheath: Color | Black | Travel speed (C-track) | max. 3 m/s |
| Cable diameter | 4.5 mm ± 5% | Traversing path (horizontal) | max. 10 m |
| Wire cross section | 0.25 mm ² | Wire cross section | 0.25 mm ² |
| Cable | | Wire processing | No |
| External sheath: Shore hardness | 90 ± 5 A | Wire diameter incl. isolation | 1.25 mm ± 5% |
| Cable: Temperature range (mobile) | - 25 ...+ 80 °C | External sheath: Color | Black |
| Cable: Temperature range (fixed) | - 40 ...+ 80 °C | Electrical data | |
| Operating voltage (only UL listed) | 30 V AC/DC | Operating voltage | max. 50 V AC / 60 V DC |
| Shielded | No | Operating voltage (only UL listed) | 30 V AC/DC |
| Bending radius (fixed) | 22.5 mm | Nominal voltage | 300 V |
| Number of wires | 4 | Contact resistance | max. 30 mOhm |
| | | Operating current per contact | max. 4 A |

Technical data

Mechanical data

| | |
|---------------------------------|--------------------------|
| Head A: Degree of protection | IP65, IP66K, IP67 |
| Bending radius (mobile) | min. 10 × outer diameter |
| Bending radius (fixed) | min. 5 × outer diameter |
| No. of bending cycles (C-track) | approx. 10000000 Cycles |
| Torsion speed | max. 35 cycles/min |
| Torsion stress in ° | ± 180 °/m |
| No. of torsion cycles | approx. 2000000 Cycles |
| Acceleration (C-track) | max. 10 m/s ² |
| Travel speed (C-track) | max. 3 m/s |

Environmental conditions

| | |
|----------------------------------|-----------------|
| Temperature range (mobile) | - 25 ...+ 80 °C |
| Temperature range (fixed) | - 25 ...+ 80 °C |
| Cable: Temperature range (fixed) | - 40 ...+ 80 °C |

Environmental conditions

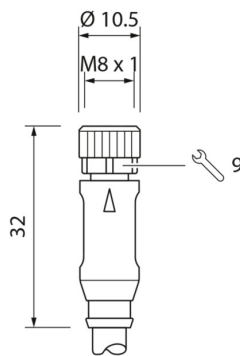
| | |
|-----------------------------------|---|
| Dragchain capable | Yes |
| Head A: Chemical resistance | No |
| Head A: Flame resistance | HB (UL 94) |
| Head A: Oil resistance | ASTM 1 oil, mineral oils, limited to hydraulic oils |
| Head A: Acid and alkali resistant | No |
| Head A: Pollution degree | 3 |
| Cable: Chemical resistance | Good (DIN EN 60811-404) |
| Cable: Flame resistance | Conform UL 1581 §1090 (H), CSA FT2, IEC 60332-2-2 |
| Cable: Oil resistance | Good (DIN EN 60811-404) |
| Cable: Silicone-free | Yes |

Commercial data

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

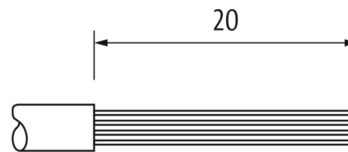
Side A

Technical drawing

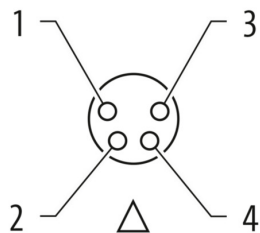


Side B

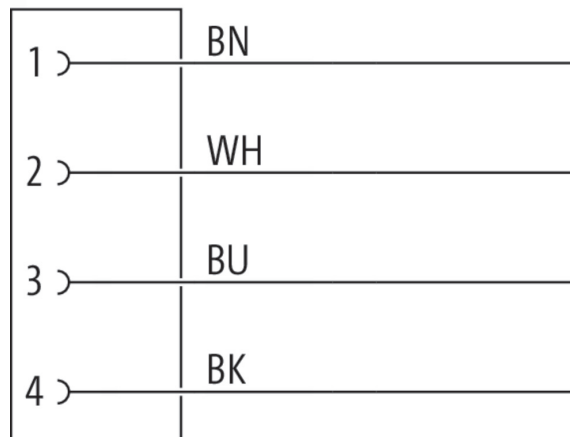
Technical drawing



Coding



Connection diagram



Dimension drawing

