

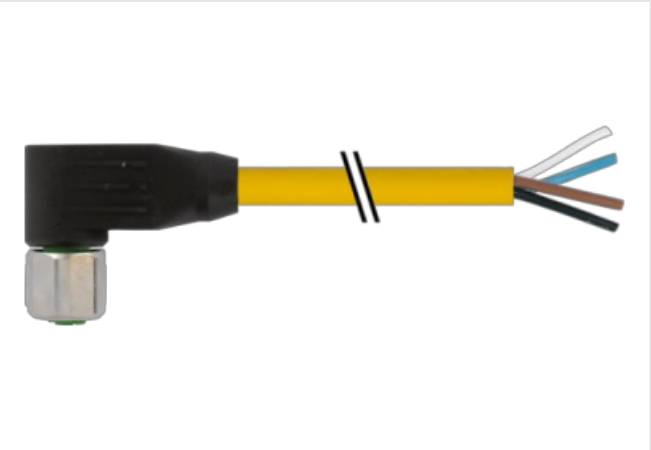
M12 female 90° A-cod. with cable V4A

TPE 4x18AWG ye UL/CSA. ITC/PLTC 10m

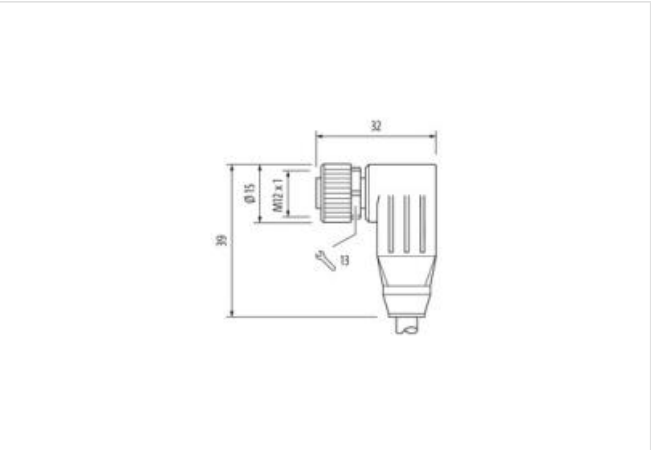
Female 90°
M12, 4-pole
USA
Stainless steel 1.4404 (V4A)
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

Link to Product

Illustration



Product may differ from Image



| | |
|-------------------|--------|
| Cable length | 10 m |
| Side 1 | |
| Tightening torque | 0,6 Nm |

| | |
|---|---|
| Family construction form | M12 |
| Thread | M12 x 1 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP66K, IP67 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| GTIN | 4048879635073 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage AC max. | 250 V |
| Operating voltage DC max. | 250 V |
| Current operating per contact max. | 4 A |
| Device protection Electrical | |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Material group (IEC 60664-1) | I |
| Mechanical data Material data | |
| Material housing | PUR |
| Locking material | Stainless steel 1.4404 (V4A) |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Conformity | |
| Product standard | DIN EN 61076-2-101 (M12) |
| Installation Cable | |
| wire arrangement | brown, black, blue, white |
| Cable identification | 150 |
| Jacket Color | yellow |
| Amount stranding | 1 |
| Stranding | 4 wires twisted |
| wire arrangement | brown, black, blue, white |
| Cable weight | 92,4 g/m |
| Material jacket | TPE |
| Freedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 7,21 mm |
| Tolerance outer diameter (sheath) | ± 5 % |

| | |
|---|--|
| Material wire insulation | PVC |
| Amount wires | 4 |
| Outer diameter insulation | 1,93 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Ingredient freeness wire insulation | lead-free, CFC-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 18 AWG |
| Conductor crosssection (wire) | 18 AWG |
| Material conductor wire | Stranded copper wire, bare |
| Nominal voltage AC max. | 600 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 9,6 A |
| Electrical resistance line constant wire | 22,5 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 4 kV @ 60 s |
| Power frequency withstand voltage (wire - jacket) | 4 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 105 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 90 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Bending radius (fixed) | 10 x Outer diameter |
| Bending radius (dynamic) | 15 x Outer diameter |
| No. of bending cycles (C-track) | 10 Mio. |
| No. of torsion cycles | 3 Mio. |
| Torsion stress | ± 180 °/m |