

M12 male 90° A-cod. with cable

PVC 4x0.34 ye UL/CSA 10m

Art.No.: 7000-12101-0141000

Weight: 0.43

Country of origin: US

Model designation: MSCL0-T014 10.0

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Male 90°

M12, 4-pole

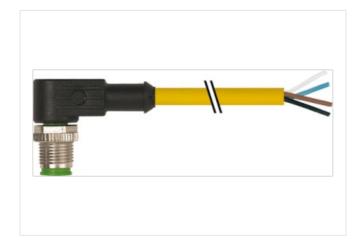
with cable sleeves

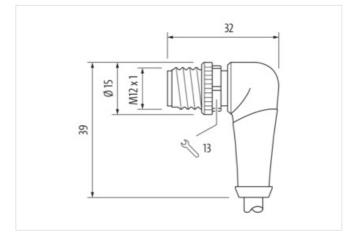
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

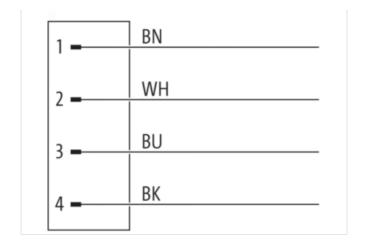
Illustration

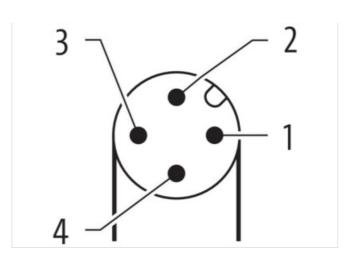


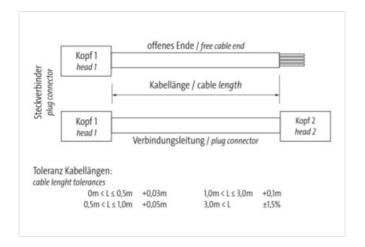


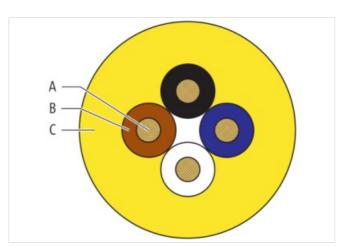


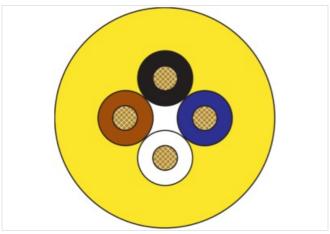
stay connected











Product may differ from Image















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Material short text MSCL0-T014_10.0

Cable length 10,00 m

Side 1



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| Family construction form | M12 |
|---|--|
| No. of poles | 4 |
| Coding | A |
| Mounting method | inserted, screwed |
| Threaded hole | M12 x 1 |
| Tightening torque | 0,6 Nm |
| Width across flats | SW13 |
| Cable outlet | angled |
| suitable for corrugated tube (internal Ø) | 10 mm |
| Material | PUR |
| Material contact | Copper alloy |
| Coating contact | gold plated |
| Degree of protection (EN IEC 60529) | IP67, IP66K, IP65 |
| Side 2 | |
| Family construction form | With open ended wires |
| Stripping length (jacket) | 20 mm |
| Commercial data | |
| | https://sharp.gov.gols/depuils.com/7000.10404.014000 |
| URL Webshop | https://shop.murrelektronik.com/7000-12101-0141000 |
| GTIN | 4048879215985 |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-7.1 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-8.1 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-9.1 | 27060311 |
| ECLASS-10.0.1 | 27060311 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.0 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060311 |
| ECLASS-13.0 | 27060311 |
| ECLASS-14.0 | 27060311 |
| ETIM-5.0 | EC001855 |
| ETIM-6.0 | EC001855 |
| ETIM-7.0 | EC001855 |
| ETIM-8.0 | EC001855 |
| customs tariff number | 85444290 |
| EAN | 4048879215985 |
| 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 |
| Diagnostics | |
| Status indication LED | No |
| Installation Connection | |
| Gender | male |
| Mounting set | M12 x 1 |
| Device protection Electrical | |
| | ID67 ID66K ID65 |
| Degree of protection (EN IEC 60529) | IP67, IP66K, IP65 |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-12-03



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| Additional condition protection degree | inserted, screwed | | |
|--|--|--|--|
| Pollution Degree | 3 | | |
| Rated surge voltage | 2.5 kV | | |
| Material group (IEC 60664-1) | | | |
| Mechanical data Material data | | | |
| · | Ting dia poeting | | |
| Material screw connection | Zinc die-casting | | |
| Coating of fitting Locking material | nickel plated Zinc die-casting | | |
| Coating Inaterial | Nickeled | | |
| | Nickeled | | |
| 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 bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. | | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. | | |
| Conformity | | | |
| • | EN IEC 61076 2 101 (M12) | | |
| Product standard | EN IEC 61076-2-101 (M12) | | |
| Installation Cable | | | |
| Cable identification | 014 | | |
| Cable Type | 1 | | |
| Amount stranding | 1 | | |
| Stranding | 4 wires stranded | | |
| Wire arrangement | brown, black, blue, white | | |
| Cable weigth | 37 g/m | | |
| Material wire insulation | PVC | | |
| Amount wires | 4 | | |
| Outer diameter insulation | 1,25 mm | | |
| Outer diameter tolerance core insulation | ± 0,05 mm | | |
| Shore hardness wire insulation | 45 ± 5 Shore D | | |
| Material properties wire insulation | good machinability | | |
| Ingredient freeness wire insulation | CFC-free, cadmium-free, silicone-free, lead-free | | |
| Amount strands (wire) | 19 | | |
| Diameter of single wires | 0,15 mm | | |
| Conductor crosssection (wire) | 0,34 mm² | | |
| Material conductor wire | Stranded copper wire, bare | | |
| Conductor type (wire) | Strand class 5 | | |
| Outer-diameter (jacket) | 5 mm | | |
| Tolerance outer diameter (sheath) | ± 5 % | | |
| Material jacket | PVC | | |
| Shore hardness jacket | 85 ± 5 Shore A | | |
| Freedom from ingredients (jacket) | CFC-free, cadmium-free, silicone-free, lead-free | | |
| Material property (jacket) | good machinability | | |
| Conductor resistance (wire) | 57 Ω/km @ 20 °C | | |
| Nominal voltage AC max. | 300 V | | |
| Withstand voltage (wire - wire) | 2 kV @ 60 s | | |
| Withstand voltage (wire - jacket) | 2 kV @ 60 s | | |
| | | | |
| Current load capacity (standard) Current load capacity min. wire | to DIN VDE 0298-4 4,8 A | | |



| Min. operating temperature (static) | -30 °C |
|--------------------------------------|--|
| Max. operating temperature (static) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | UL 1581 § 1080, CSA FT1, IEC 60332-1-2 |
| Oil resistance | good |
| Chemical resistance | good |
| Other resistances | good resistance to gasoline |
| Bending radius (fixed) | 5 × Outer diameter |
| Bending radius (dynamic) | 10 × Outer diameter |