

### M12 female 90° A-cod. with cable V4A

PVC 4x0.34 gy UL/CSA 20m

Art.No.: 7004-12341-2142000

Weight: 0.827 kg

Country of origin: DE

Model designation: MSDLO-T214\_20.0-S04

### 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:

Female 90°

M12, 4-pole

Stainless steel 1.4404 (V4A)

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

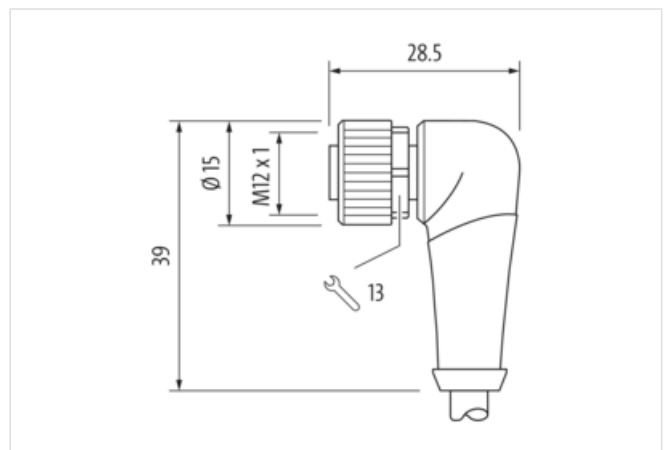
Plastic housings with good resistance against chemicals and oils.

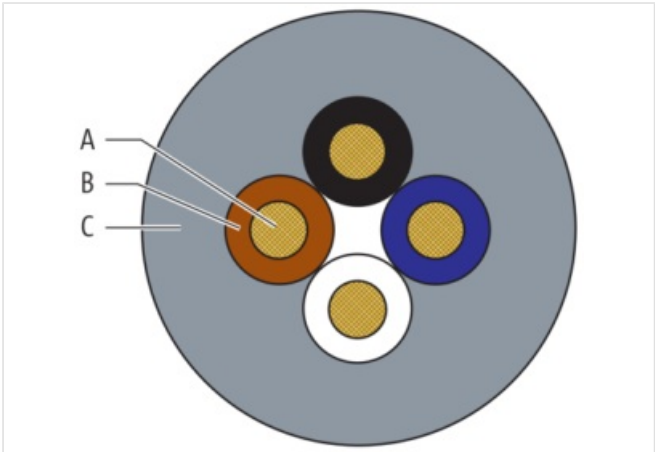
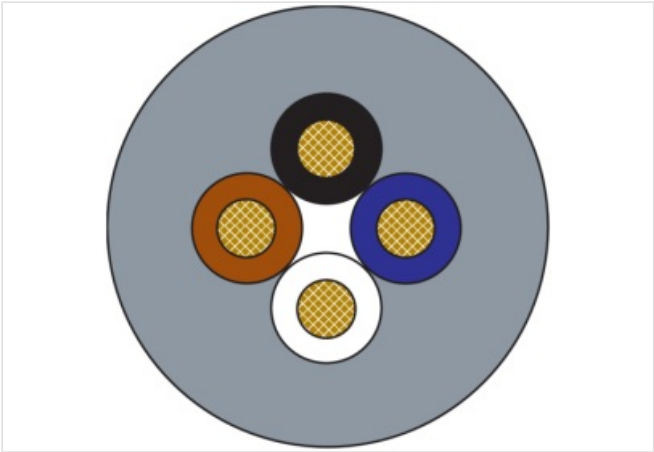
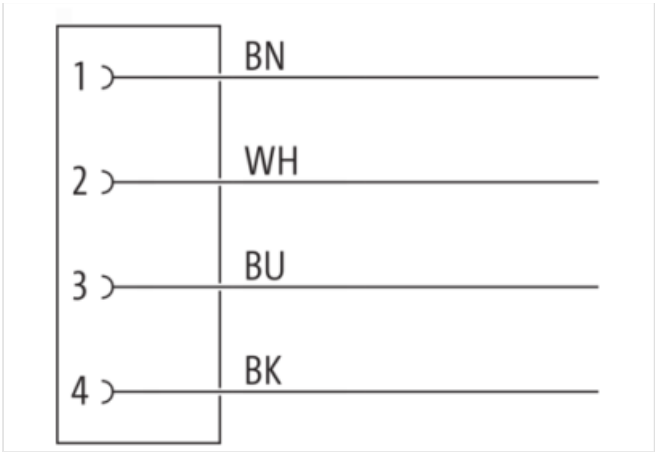
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

### [Link to Product](#)

#### Illustration





Product may differ from Image



Header

Material short text  
MSDL0-T214\_20.0-S04

Cable length  
20,00 m

Side 1

|                                           |                   |
|-------------------------------------------|-------------------|
| Family construction form                  | M12               |
| No. of poles                              | 5                 |
| Coding                                    | A                 |
| Gender                                    | female            |
| 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 contact                          | Copper alloy      |
| Coating contact                           | gold plated       |
| Degree of protection (EN IEC 60529)       | IP67, IP66K, IP65 |

#### Side 2

|                           |                |
|---------------------------|----------------|
| Family construction form  | free cable end |
| Stripping length (jacket) | 20 mm          |

#### Commercial data

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/7004-12341-2142000">https://shop.murrelektronik.com/7004-12341-2142000</a> |
| GTIN                  | 4048879688826                                                                                                       |
| 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                   | 4048879688826                                                                                                       |
| 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                 |
| Rated surge voltage                    | 2,5 kV            |
| Material group (IEC 60664-1)           | I                 |

#### Mechanical data | Material data

|                  |     |
|------------------|-----|
| Material housing | PUR |
|------------------|-----|

Material screw connection                      Stainless steel 1.4404 (V4A)

#### Mechanical data | Mounting data

Mounting method                                  inserted, screwed, Shaking protection

#### Environmental characteristics | Climatic

Operating temperature min.                      -30 °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

Product standard                                  EN IEC 61076-2-101 (M12)

#### Installation | Cable

Cable identification                                  214

Cable Type                                              1

Amount stranding                                  1

Stranding                                              4 wires stranded

Wire arrangement                                  brown, black, blue, white

Cable weight                                        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                                  lead-free, cadmium-free, CFC-free, silicone-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)                                  lead-free, cadmium-free, CFC-free, silicone-free

Material property (jacket)                                  good machinability

Conductor resistance (wire)                                  57 Ω/km @ 20 °C

Nominal voltage max.                                  300 V

Withstand voltage (wire - wire)                                  2 kV @ 60 s

Withstand voltage (wire - jacket)                                  2 kV @ 60 s

Current load capacity (standard)                                  to DIN VDE 0298-4

Current load capacity max. (wire)                                  4,8 A

Operating temperature min. (static)                                  -30 °C

Operating temperature max. (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

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: 2026-02-09

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Bending radius (dynamic)

10 × Outer diameter