

**M12 male 0° / M12 female 0° A-cod. F&B**

PVC 4x0.34 gy UL/CSA 3.5m

Art.No.: 7014-40021-2140350

Weight: 0.161 kg

Country of origin: DE

Model designation: MSBL0-A-T214\_3.5-S14

Food &amp; Beverage

Male straight – female straight

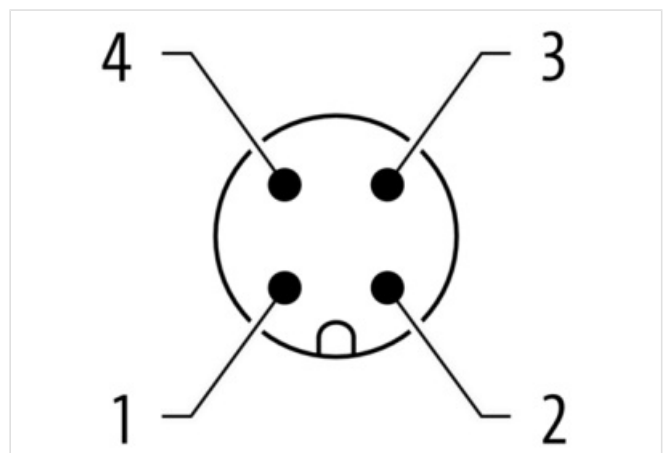
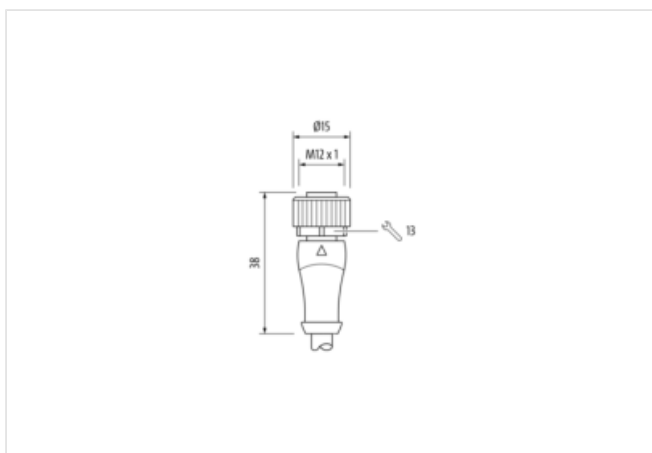
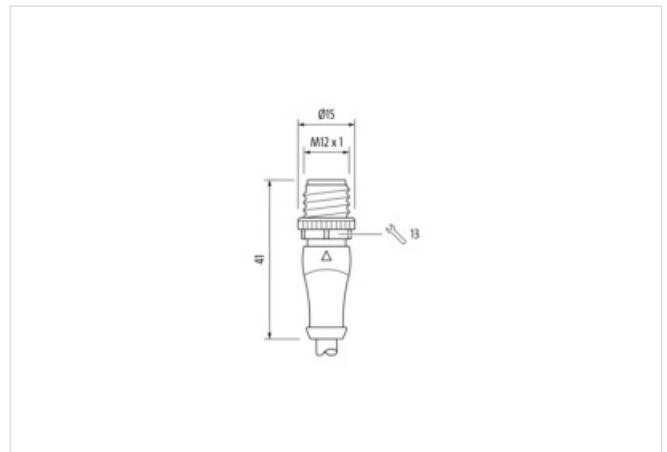
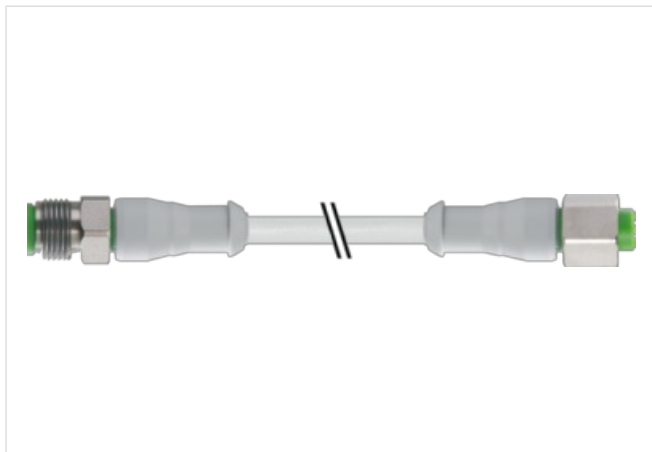
M12 – M12, 4-pole

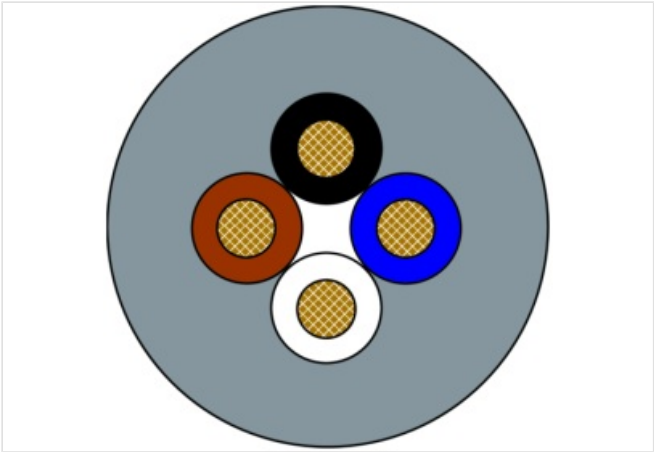
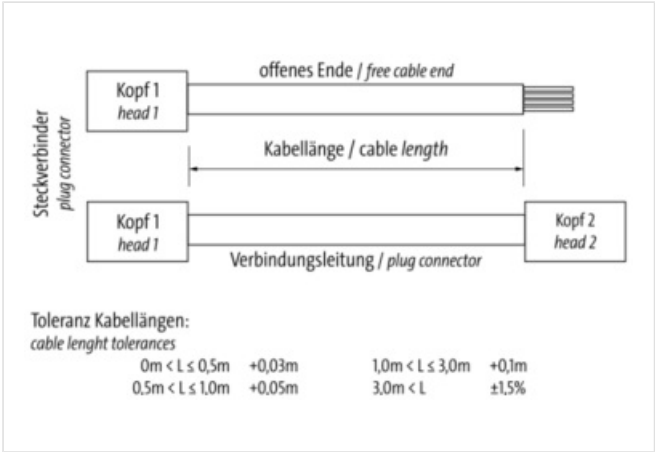
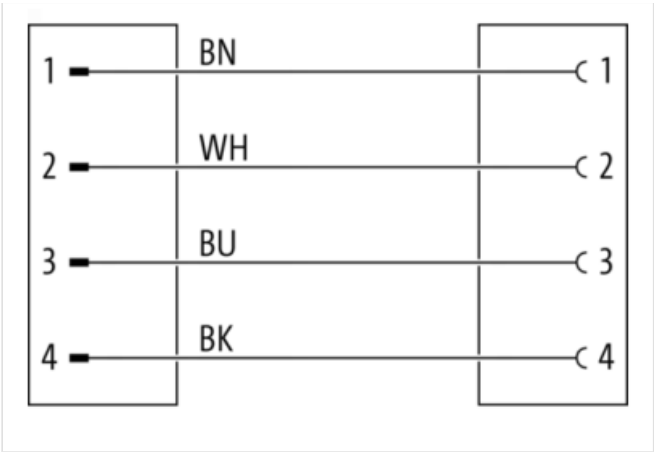
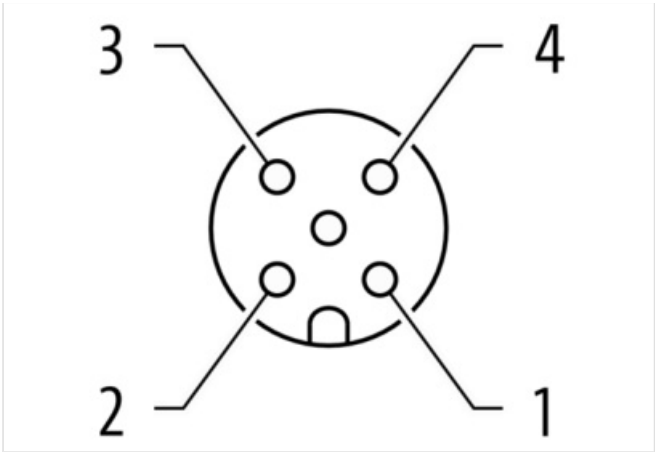
Profile gasket

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                              | 3,50 m            |
| Side 1                                    |                   |
| Family construction form                  | M12               |
| No. of poles                              | 4                 |
| Coding                                    | A                 |
| Gender                                    | male              |
| Mounting method                           | inserted, screwed |
| Threaded hole                             | M12 x 1           |
| Tightening torque                         | 0,6 Nm            |
| Width across flats                        | SW14              |
| Cable outlet                              | straight          |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Material contact                          | Copper alloy      |
| Coating contact                           | gold plated       |
| Degree of protection (EN IEC 60529)       | IP69K, IP68, IP65 |
| Side 2                                    |                   |
| Family construction form                  | M12               |
| No. of poles                              | 4                 |

|                                           |                   |
|-------------------------------------------|-------------------|
| Coding                                    | A                 |
| Gender                                    | female            |
| Mounting method                           | inserted, screwed |
| Threaded hole                             | M12 x 1           |
| Tightening torque                         | 0,6 Nm            |
| Width across flats                        | SW14              |
| Cable outlet                              | straight          |
| suitable for corrugated tube (internal Ø) | 10 mm             |
| Material contact                          | Copper alloy      |
| Coating contact                           | gold plated       |
| Degree of protection (EN IEC 60529)       | IP69K, IP68, IP65 |

#### Commercial data

|                          |                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop              | <a href="https://shop.murrelektronik.com/7014-40021-2140350">https://shop.murrelektronik.com/7014-40021-2140350</a> |
| GTIN                     | 4048879441285                                                                                                       |
| EU-Customs tariff number | 85444290                                                                                                            |
| US-Customs tariff number | 8544429090                                                                                                          |
| 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                                                                                                            |
| ETIM-9.0                 | EC001855                                                                                                            |
| ETIM-10.0                | EC001855                                                                                                            |
| customs tariff number    | 85444290                                                                                                            |
| EAN                      | 4048879441285                                                                                                       |
| 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 |
|-----------------------|----|

#### Device protection | Electrical

|                                        |                   |
|----------------------------------------|-------------------|
| Degree of protection (EN IEC 60529)    | IP69K, IP68, IP65 |
| 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

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: 2026-08-08

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|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Locking material                                | Stainless steel 1.4404 (V4A)                                                                                                                          |
| <b>Mechanical data   Mounting data</b>          |                                                                                                                                                       |
| Mounting method                                 | inserted, screwed, Shaking protection                                                                                                                 |
| <b>Environmental characteristics   Climatic</b> |                                                                                                                                                       |
| Operating temperature min.                      | -30 °C                                                                                                                                                |
| Operating temperature max.                      | 85 °C                                                                                                                                                 |
| Additional condition temperature range          | depending on cable quality                                                                                                                            |
| <b>Important installation notes</b>             |                                                                                                                                                       |
| Note on bending radius                          | <b>Attention:</b> 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.                                                   |
| <b>Conformity</b>                               |                                                                                                                                                       |
| Product standard                                | EN IEC 61076-2-101 (M12)                                                                                                                              |
| <b>Installation   Cable</b>                     |                                                                                                                                                       |
| Cable identification                            | 214                                                                                                                                                   |
| Cable Type                                      | 1                                                                                                                                                     |
| Cable weight                                    | 37 g/m                                                                                                                                                |
| UL AWM Style                                    | 2464 / 1731                                                                                                                                           |
| Stranding                                       | 1 × 4 wires stranded                                                                                                                                  |
| Wire arrangement                                | BN, BK, BU, WH                                                                                                                                        |
| Material wire insulation                        | PVC                                                                                                                                                   |
| Amount wires                                    | 4                                                                                                                                                     |
| Outer diameter insulation                       | 1.25 mm ± 0.05 mm                                                                                                                                     |
| Conductor crosssection (wire)                   | 0,34 mm <sup>2</sup>                                                                                                                                  |
| Material conductor wire                         | Stranded copper wire, bare                                                                                                                            |
| Core construction (wire)                        | 19 × 0.15 mm                                                                                                                                          |
| Material properties wire insulation             | good machinability                                                                                                                                    |
| Ingredient freeness wire insulation             | lead-free, cadmium-free, CFC-free, silicone-free                                                                                                      |
| Material jacket                                 | PVC                                                                                                                                                   |
| Outer-diameter (jacket)                         | 5 mm ± 5 %                                                                                                                                            |
| Jacket Color                                    | gray / RAL 7040                                                                                                                                       |
| 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 max. (wire)               | 4,8 A                                                                                                                                                 |
| Current load capacity (standard)                | to DIN VDE 0298-4                                                                                                                                     |
| Operating temperature (static)                  | -30 °C ... 80 °C                                                                                                                                      |
| Operating temperature (dynamic)                 | -5 °C ... 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                                                                                                                           |
| Notes                                           | application-related testing                                                                                                                           |
| Bending radius (fixed)                          | 5 × Outer diameter                                                                                                                                    |
| Bending radius (dynamic)                        | 10 × Outer diameter                                                                                                                                   |