

**M12 Steel female 0° A-cod. with cable**

PVC 4x0.34 gy UL/CSA 25m

Art.No.: 7044-12221-2142500

Weight: 1.012 kg

Country of origin: CZ

Model designation: MSBL0-T214\_25.0-S44

F&amp;B-Steel

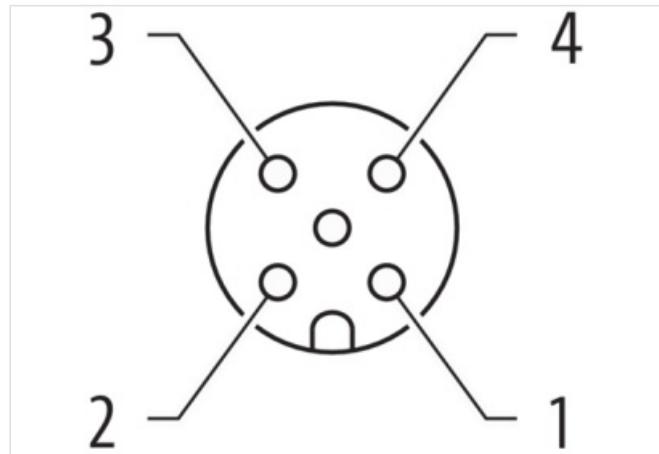
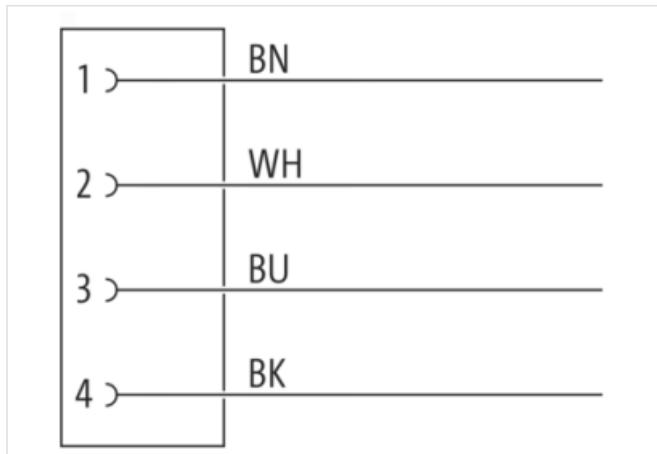
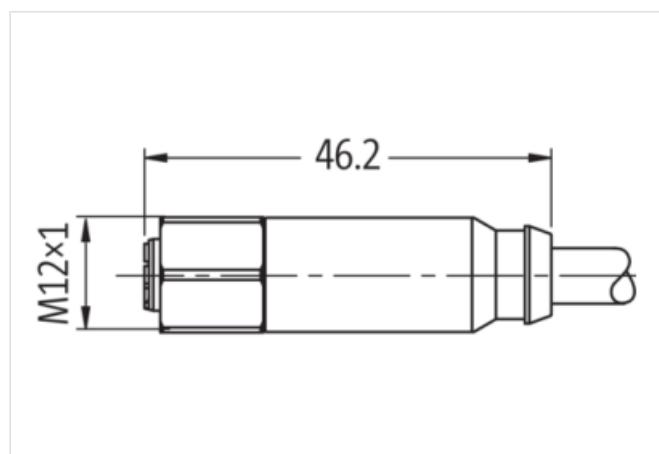
Female straight

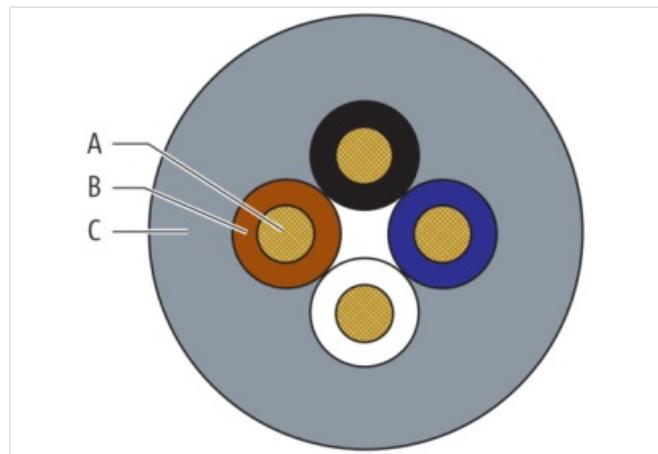
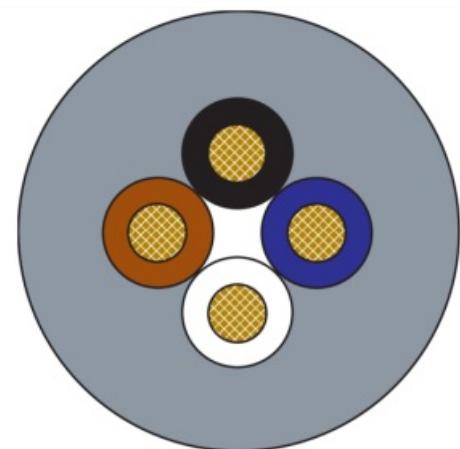
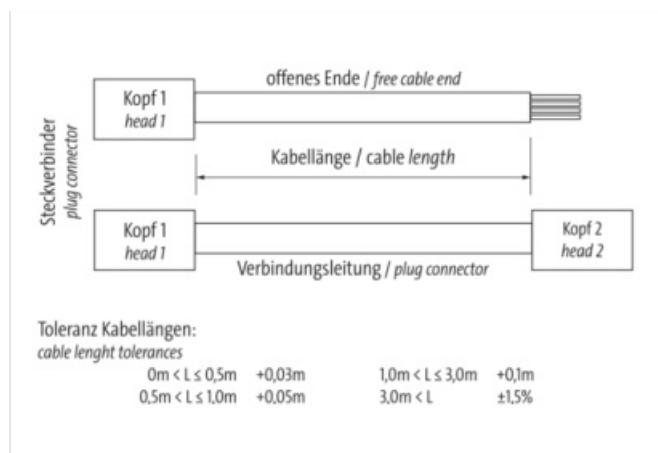
M12, 4-pole

Stainless steel 1.4404 (V4A)

without cable sleeves

Further cable lengths on request.

[Link to Product](#)
**Illustration**




Product may differ from Image



#### Header

Cable length 25,00 m

#### Side 1

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 SW13  
 Cable outlet straight  
 Degree of protection (EN IEC 60529) IP69K, IP68

#### Side 2

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

#### Commercial data

URL Webshop <https://shop.murrelektronik.com/7044-12221-2142500>

|   |   |
|---|---|
| customs tariff number                           | 85444290  |
| EAN   | 4048879107815   |
| Packaging unit                                  | 1   |
| <b>Electrical data   Supply</b>                 |   |
| Operating voltage AC max.                       | 32 V  |
| Operating voltage DC max.                       | 32 V  |
| Current operating per contact max.              | 4 A   |
| <b>Device protection   Electrical</b>           |   |
| Additional condition protection degree          | inserted, screwed   |
| Pollution Degree                                | 3   |
| Rated surge voltage                             | 2,5 kV  |
| Material group (IEC 60664-1)                    | I   |
| <b>Mechanical data</b>                          |   |
| Contour for corrugated hose                     | without   |
| <b>Mechanical data   Material data</b>          |   |
| Locking material                                | Stainless steel 1.4404 (V4A)  |
| Material gasket                                 | FKM   |
| <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>Installation   Cable</b>                     |   |
| 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 mm <sup>2</sup>  |
| 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                     |
| Bending radius (dynamic)             | 10 × Outer diameter                    |