

M12 female 0° A-cod. with cable shielded F&B

PVC 5x0.34 shielded gy UL/CSA 5m

Art.No.: 7014-13221-2030500

Weight: 0.357 kg

Country of origin: CZ

Model designation: MSBL0-U203_5.0-ZS-S14

Plug Connectors for Food & Beverage

Female straight

M12, 5-pole

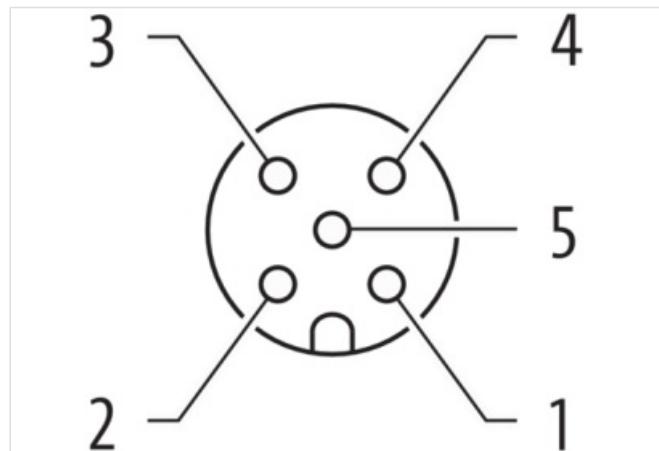
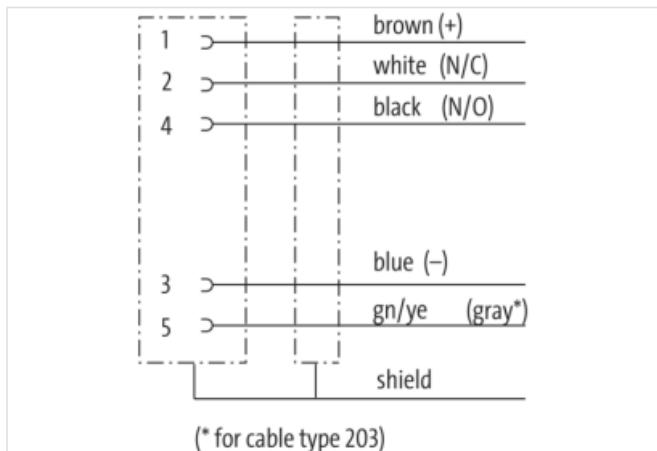
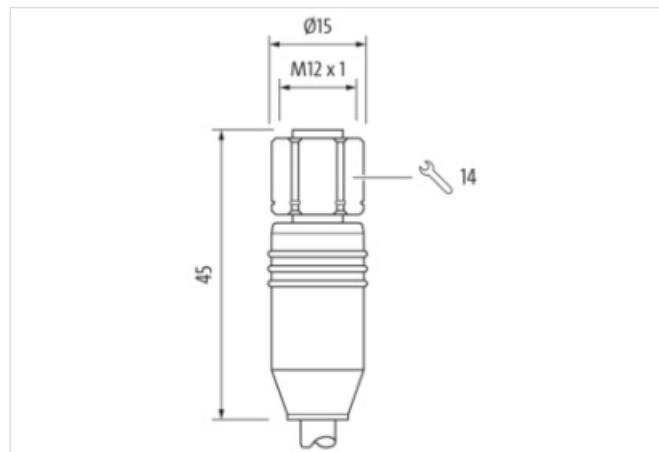
Shielded

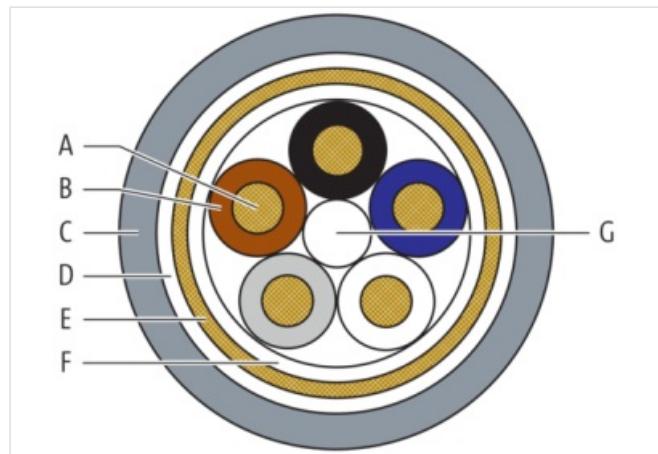
Profile gasket

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



Header

Material short text MSBL0-U203_5.0-ZS-S14

Cable length 5,00 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 SW14

Cable outlet straight

Material contact Copper alloy

Coating contact gold plated

Degree of protection (EN IEC 60529) IP67, IP69K, IP68, IP66K, IP65

Side 2

Family construction form free cable end

Stripping length (jacket) 20 mm

Commercial data

| | |
|-----------------------|---|
| URL Webshop | https://shop.murrelektronik.com/7014-13221-2030500 |
| GTIN | 4048879695831 |
| ECLASS-6.0 | 27279221 |
| 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 | 4048879695831 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|------------------------------------|------|
| Operating voltage AC max. | 60 V |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 4 A |

Diagnostics

| | |
|-----------------------|----|
| Status indication LED | No |
|-----------------------|----|

Installation | Connection

| | |
|--------|--------|
| Gender | female |
|--------|--------|

Device protection | Electrical

| | |
|--|--------------------------------|
| Degree of protection (EN IEC 60529) | IP67, IP69K, IP68, IP66K, IP65 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | I |

Mechanical data

| | |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

Mechanical data | Material data

| | |
|------------------|------------------------------|
| Locking material | 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

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

| | |
|--|---|
| 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 | 203 |
| Cable Type | 1 |
| Amount stranding | 1 |
| Stranding | 5 wires around core filler twisted |
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 80 % |
| Banding | Fleece, Foil |
| Filler | Yes |
| Wire arrangement | brown, black, blue, white, gray |
| Cable weight | 62 g/m |
| Material wire insulation | PVC |
| Amount wires | 5 |
| 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 ² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Outer-diameter (jacket) | 5,6 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 |
| Withstand voltage (wire - shield) | 2 kV @ 60 s |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity max. (wire) | 4,5 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) | 10 × Outer diameter |
| Bending radius (dynamic) | 15 × Outer diameter |