

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

PVC 5x0.34 shielded gy 30m

Art.No.: 7014-13221-3483000

Weight: 1.726 kg

Country of origin: CZ

Model designation: MSBL0-U348_30.0-ZS-S14_lo

Plug Connectors for Food & Beverage

Female straight

M12, 5-pole

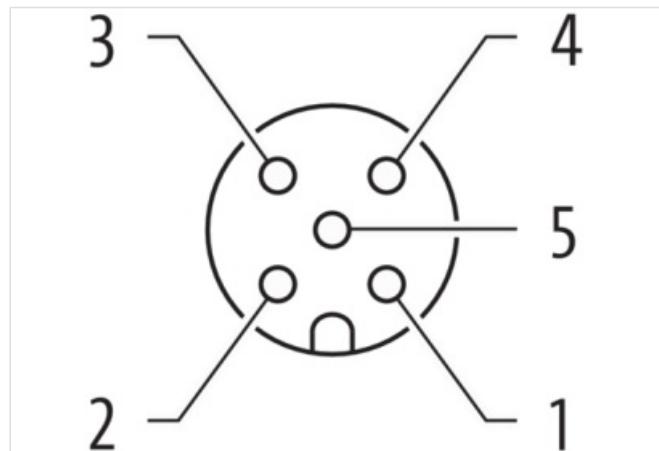
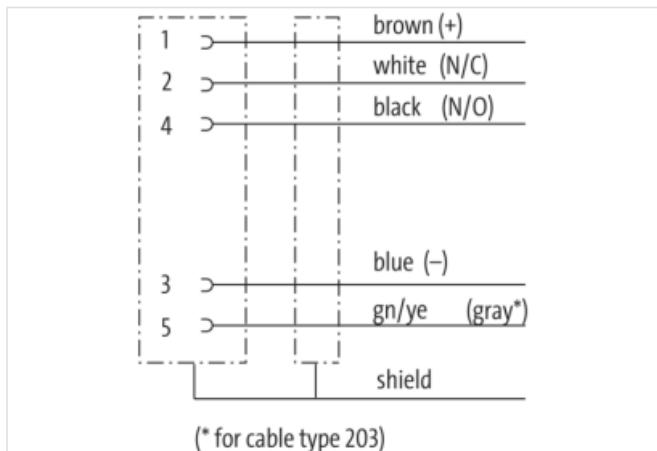
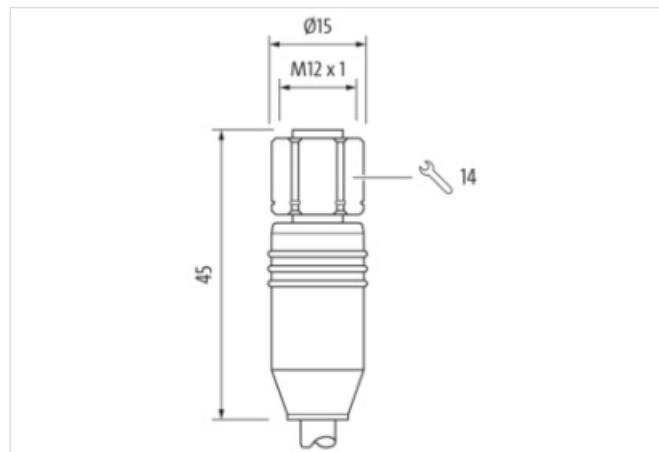
Shielded

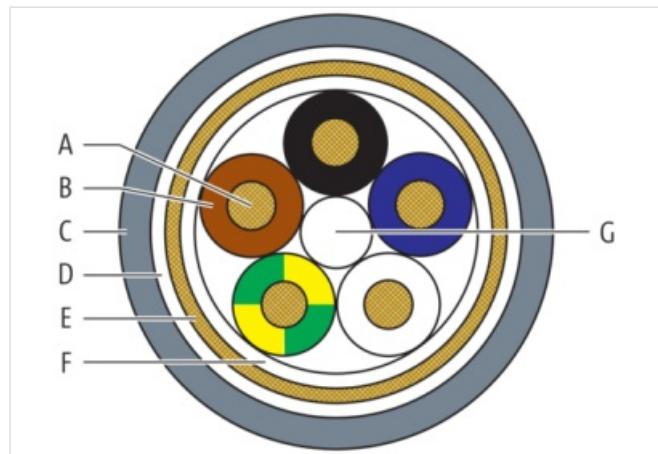
Profile gasket

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-U348_30.0-ZS-S14_lo

Cable length 30,00 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/7014-13221-3483000
GTIN	4048879371537
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	4048879371537
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
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Installation | Connection

Gender	female
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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
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Mechanical data | Material data

Locking material	Stainless steel 1.4404 (V4A)
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Mechanical data | Mounting data

Mounting method	inserted, screwed, Shaking protection
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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

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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	348
Amount stranding	1
Stranding	Wires
Stranding factor min.	75 mm
Stranding factor max.	75 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
Filler	Yes
Wire arrangement	brown, black, blue, white, green-yellow
Cable weight	65,5 g/m
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 0,2 mm
Shore hardness wire insulation	85 ± 3 Shore A
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	75 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Material property (jacket)	good machinability
Conductor resistance (wire)	57 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	500 V
Withstand voltage (wire - wire)	1.5 kV @ 60 s
Withstand voltage (wire - jacket)	1.5 kV @ 60 s
Withstand voltage (wire - shield)	1.5 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)	70 °C
Bending radius (dynamic)	15 × Outer diameter