

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

PVC 8x0.25 shielded gy UL/CSA 15m

Art.No.: 7014-17121-2041500

Weight: 1.135

Country of origin: DE

Model designation: MSBL0-08D204_15.0-S14-ZS

Plug Connectors for Food & Beverage

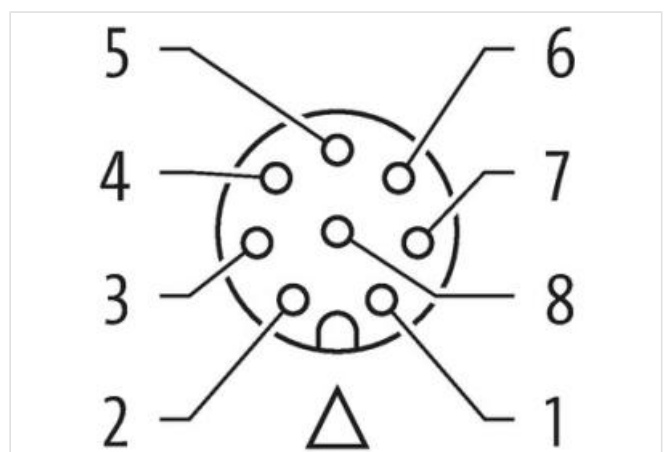
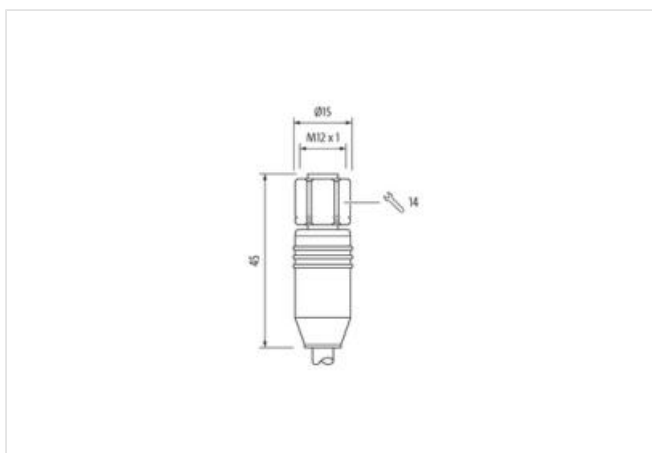
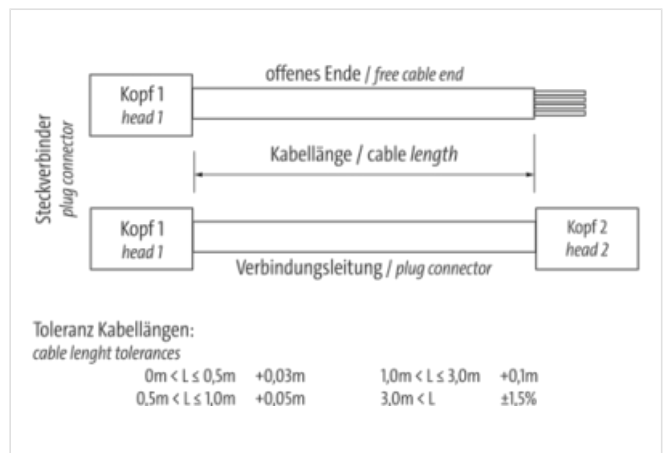
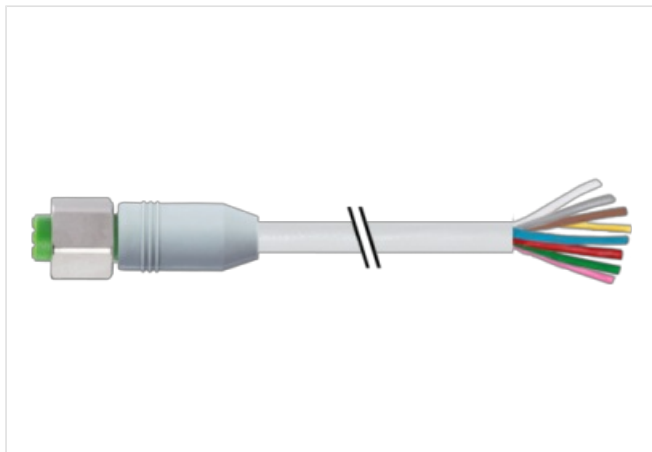
Female straight

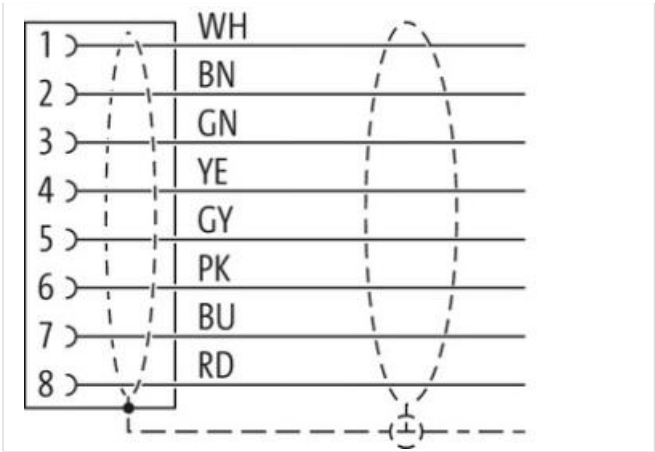
M12, 8-pole

Shielded

Profile gasket

Further cable lengths on request.

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



Product may differ from Image



Cable length	15 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material contact	Copper alloy
No. of poles	8
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP65, IP68, IP69K
Side 2	
Stripping length (jacket)	60 mm
Family construction form	free cable end
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909139738
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V

Current operating per contact max. 2 A

Diagnostics

Status indication LED no

Installation | Connection

Stripping length (jacket) 60 mm

Gender female

Device protection | Electrical

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

Additional condition protection degree inserted, screwed

Pollution Degree 3

Rated surge voltage 0,8 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. -25 °C

Operating temperature max. 85 °C

Additional condition temperature range depending on cable quality

Important installation notes

Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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.

Conformity

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

Installation | Cable

wire arrangement brown, white, red, blue, pink, gray, yellow, green

Cable identification 204

Cable Type 1

Jacket Color gray

Type of Certificate cURus

Amount stranding 1

Stranding 8 wires around Core filler twisted

Cable shielding (type) copper braid, tinned

Cable shielding (coverage) 80 %

Banding Fleece, Foil

Filler yes

wire arrangement brown, white, red, blue, pink, gray, yellow, green

Cable weight 74,8 g/m

Material jacket PVC

Shore hardness jacket 85 ± 5 Shore A

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free

Outer-diameter (jacket) 7 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PVC

Amount wires 8

Outer diameter insulation 1,25 mm

Outer diameter tolerance core insulation ± 5 %

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)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter