

M12 male 0° / M12 female 0° A-cod. shielded V4A

PVC 12x0.14 shielded bk 20m

Art.No.: 7004-53301-7032000

Weight: 1.495 Country of origin: CZ

Model designation: MSBL0-A-12E703_20.0-ZS-S04

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Male straight – female straight M12 – M12, 12-pole Stainless steel 1.4404 (V4A) shielded

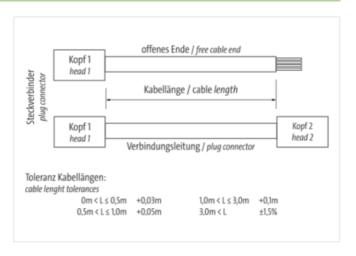
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

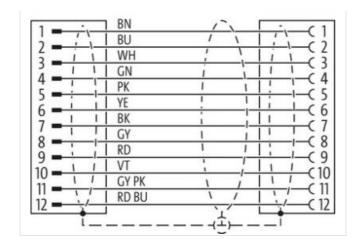
Illustration

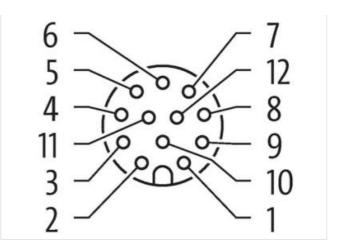


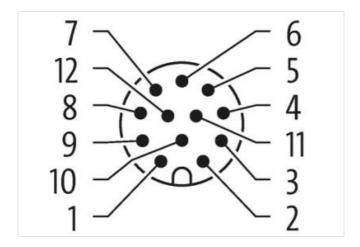


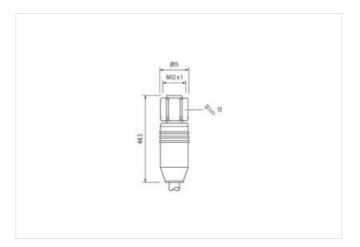


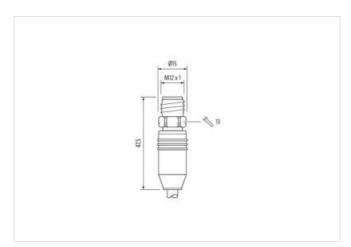
stay connected











Product may differ from Image











Cable length

20 m

Side 1

Tightening torque

0,6 Nm



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Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Gender	male
Cable outlet	straight
Coding	A
Material contact	Copper alloy
No. of poles	12
Width across flats	SW13
Side 2	
Tightening torque	0,6 Nm
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Gender	
	female
Cable outlet Coding	straight A
Material contact	
No. of poles	Copper alloy 12
Width across flats	SW13
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
customs tariff number	85444290
EAN	4048879755283
EAN	4048879755283
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	1,5 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
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

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: 2025-10-04



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Color housing b Color contact carrier g Material gasket F Locking material S Mechanical data Mounting data Mounting method ir Environmental characteristics Climatic Operating temperature min. Coperating temperature max. 8 Additional condition temperature range d Important installation notes Note on strain relief P Note on bending radius R Conformity Product standard D Linstallation Cable wire arrangement g Cable identification 7 Cable Type 1 Jacket Color D Lype of Certificate c Amount stranding 1 Stranding (type 2) 1 Cable shielding (type) 1 Cable shielding (coverage) 8 Banding F Filler y Wire arrangement g Cable siter of type of coverage of the shielding (coverage) 8 Banding F Filler y Wire arrangement g Cable siter of type of coverage of the shielding (coverage) 8 Banding F Filler y Wire arrangement g	PUR black green FKM Stainless steel 1.4404 (V4A) inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12) gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue 703 1 black cURus
Color contact carrier Material gasket Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes Note on strain relief Note on bending radius Conformity Product standard Installation Cable wire arrangement Cable identification Type of Certificate Amount stranding Stranding Amount stranding (type 2) Cable shielding (type) Cable shielding (coverage) Banding Filler Wire arrangement g Cable rype 1 Stranding G Stranding Filler Wire arrangement G Stranding Filler	green FKM Stainless steel 1.4404 (V4A) stainless steel 1.4404 (V4A) inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. DIN EN 61076-2-101 (M12) gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue 703 1 black
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Stranding (type 2) 9 Cable shielding (type) c Cable shielding (coverage) 8 Banding F Filler y vire arrangement g	3 wires twisted
Cable shielding (type) c Cable shielding (coverage) 8 Banding F Filler y vire arrangement g	1
Cable shielding (coverage) 8 Banding F Filler y vire arrangement g	9 wires around Stranding combination twisted
Banding F Filler y vire arrangement g	copper braid, tinned
Filler y y vire arrangement g	80 %
vire arrangement g	Fleece, Foil
	yes
able weigth	gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue
Cable weigth 7	73,7 g/m
J	PVC
	85 ± 5 Shore A
0 0 ,	lead-free, cadmium-free, CFC-free, silicone-free
u ,	6,5 mm
<u> </u>	±5%
	PVC
	12
	1,05 mm
	± 5 %
	45 ± 5 Shore D
	good machinability
	lead-free, cadmium-free, CFC-free, silicone-free
	18
Diameter of single wires 0	0,1 mm
, ,	0.14 mm²
	0,14 mm ²
Conductor type (wire) s	Stranded copper wire, bare



Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Electrical resistance line constant wire	138 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter