

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

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 1.5m

Art.No.: 7700-48511-S4W0150 Weight: 0.104 Country of origin: DE Model designation: MSAL0-A-08DS4W_1.5-ZS

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.

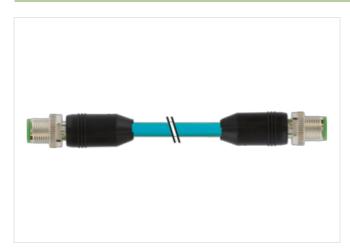
Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available <u>on request</u>

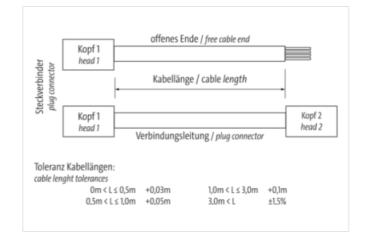
If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details: Further cable lengths on request. Ethernet CAT5 Male straight – male straight M12 – M12, 8-pole shielded USA Cable is approved for 600 V 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.

Link to Product

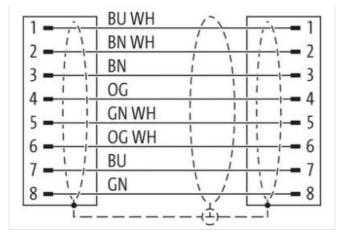
Illustration

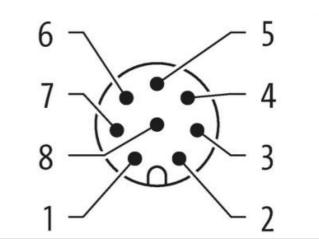


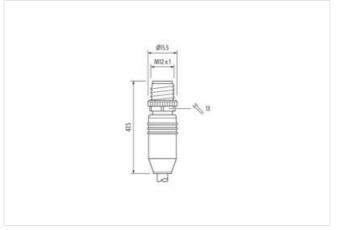


The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-04









Product may differ from Image



Cable length	1,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
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	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed

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Commercial data ECLASS-6.0 27061801 ECLASS-7.0 27061801 ECLASS-8.0 27061801 ECLASS-9.0 27061801 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 customs tariff number 85444290	Coating contact	gold plated
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Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	· · ·	
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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: 2025-08-04



Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable wire arrangement (orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green) Cable identification S4W Jacket Color blue Type of Certificate cURus Amount stranding 4 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 4 Stranded joints twisted Banding Foil wire arrangement (orange-white, orange), (blue-white, blue), (brown-white, brown), (green-white, green) Cable weigth 74,8 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 7,6 mm Tolerance outer diameter (sheath) ±5% Material wire insulation HDPE Amount wires 8 Outer diameter insulation 1,17 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 7 Diameter of single wires 24 AWG Conductor crosssection (wire) 24 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2 A Electrical resistance line constant wire 76,4 Ω/km @ 20 °C -40 °C Min. operating temperature (static) Max. operating temperature (fixed) 80 °C -40 °C Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C Storage temperature min. -40 °C Storage temperature max. 80 °C Flame resistance UL 1581 § 1100 FT2 | UL 1581 § 1090 | IEC 60332-2-2 chemical resistance Good, application-related testing Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 | Good, application-related testing Bending radius (fixed) 4 x Outer diameter 10 x Outer diameter Bending radius (dynamic) No. of bending cycles (C-track) 1 Mio. @ 25 °C No. of torsion cycles 3 Mio. 25 °C Torsion stress ± 270 °/m

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