

M12 male 0° A-cod. with cable

PUR 4x0.34 gy UL/CSA+drag ch. 1m

Art.No.: 7000-12021-2340100 Weight: 0.051 Country of origin: US Model designation: MSAL0-T234 1.0

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: Male straight M12, 4-pole with cable sleeves 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.

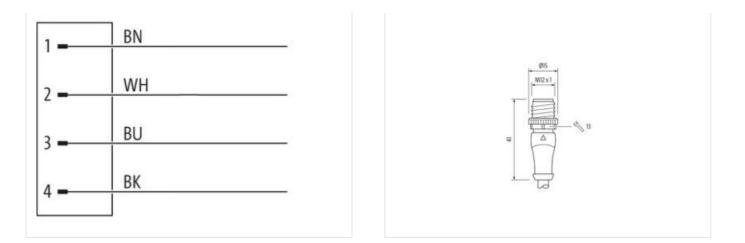
Link to Product

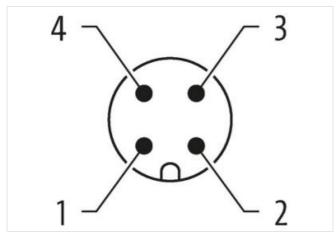


Steckverbinder plug connector	Kopf 1 head 1	offenes Er	ide / free cable end		
		Kabelläng	ge / cable <i>length</i>		
	Kopf 1 head 1	Verbindungsle	eitung / plug connector	,	Kopf 2 head 2
	z Kabellängen ght tolerances	l: .≤0,5m +0,03m	1,0m < L ≤ 3,0m	+0,1m	

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: 2025-08-08







Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Family construction form	free cable end

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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	4048879472067
EAN	4048879472067
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	1
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
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	
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, black, blue, white

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Cable Type 3 Jacket Color gray Type of Cortificate cURus Amount stranding 1 Stranding 4 vires twisted Write arrangement brown, black, blue, while Cable weight 36.3 g/m Material Jacket PUB Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cambium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.5 % Material vice insulation PP Amount wires 4 Outer diameter (insulation 1.25 mn Outer diameter insulation 1.25 mn Outer diameter wire insulation 1.25 mn Outer diameter insulation 1.25 mn Outer diameter wire insulation 1.25 mn Outer diameter wire insulation 1.25 mn Outer diameter insulation 1.25 mn Outer diameter wire insulation 1.25 mn Outer diameter or insulation 1.63 % Shore barchness wire insulation 1.02 mn Outer diameter insulation <	Cable identification	234
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No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Traversing distance (C-track)	10 m @ 25 °C horizontal
Torsion stress ± 180 °/m	Travel speed (C-track)	3 m/s @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min

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