

M12 male 0° / M12 female 0° A-cod.

PUR 4x0.34 gy UL/CSA+drag ch. 5m

Art.No.: 7000-40021-2340500

Weight: 0.216 Country of origin: US

Model designation: MSBL0-A-T234 5.0

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 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, 4-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

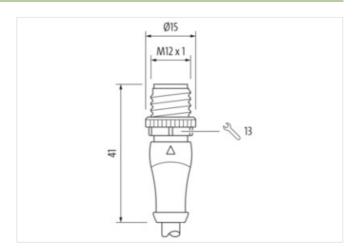
Plastic housings with good resistance against chemicals and oils.

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

Link to Product

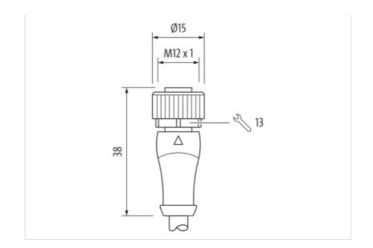
Illustration

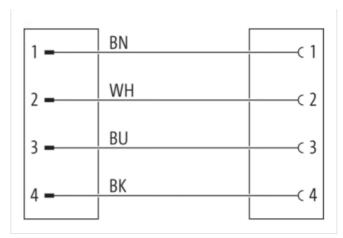


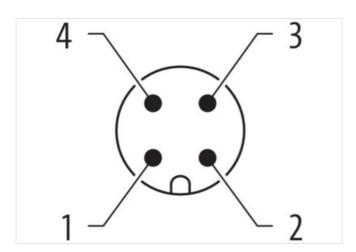


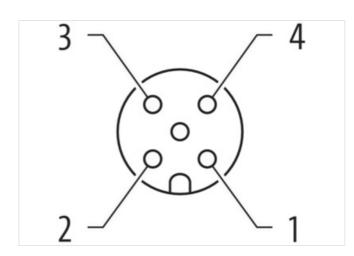


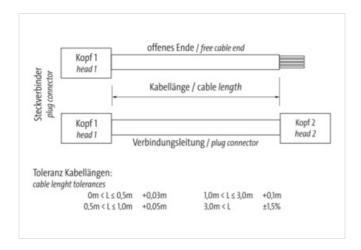
stay connected

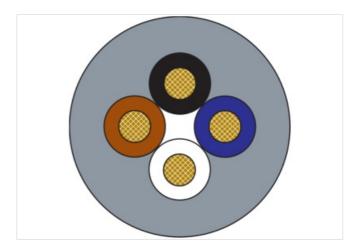






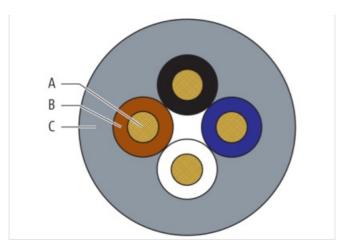








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Product may differ from Image















Header	
Cable length	5.0 m
Side 1	
Family construction form	M12
No. of poles	4
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	M12
No. of poles	4
Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal \emptyset)	10 mm
Material	PUR
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-40021-2340500
customs tariff number	85444290
EAN	4048879184106



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Electrical data Supply 250 V Operating voltage AC max. 250 V Operating voltage PC max. 250 V Current operating per contact max. 4 A Diagnostics Image: Common Com	Packaging unit	1
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Wire arrangement brown, black, blue, white Cable weigth 36.3 g/m Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 70 5 Shore D Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Amount stranding	1
Cable weigth 36.3 g/m Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 70 5 Shore D Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Stranding	4 wires stranded
Material wire insulation PP Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 70 5 Shore D Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Wire arrangement	brown, black, blue, white
Amount wires 4 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation 5hore hardness wire insulation 70 5 Shore D Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Cable weigth	36.3 g/m
Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 70 5 Shore D Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Material wire insulation	PP
Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 70 5 Shore D Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Amount wires	4
Shore hardness wire insulation 70 5 Shore D Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Outer diameter insulation	1.25 mm
Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, halogen-free, lead-free Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Outer diameter tolerance core insulation	± 0.05 mm
Amount strands (wire) 42 Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Shore hardness wire insulation	70 5 Shore D
Diameter of single wires 0.1 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare	Diameter of single wires	0.1 mm
	Conductor crosssection (wire)	0.34 mm²
Conductor type (wire) strand class 6	Material conductor wire	Stranded copper wire, bare
	Conductor type (wire)	strand class 6

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: 2025-09-19



Outer-diameter (jacket)	4.5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.8 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (drag chain)	-25 °C
Operating temperature max. (drag chain)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	180 °/m
Torsion speed	35 cycles/min