

M12 male 90° A-cod. with cable

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

Art.No.: 7000-12101-6340500

Weight: 0.159 Country of origin: US

Model designation: MSCL0-T634_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 90°

M12, 4-pole

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

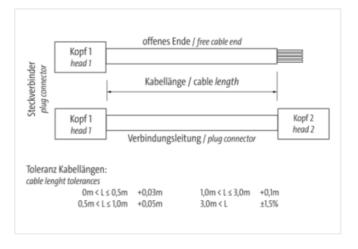
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

Link to Product

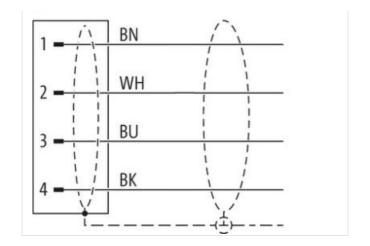
Illustration

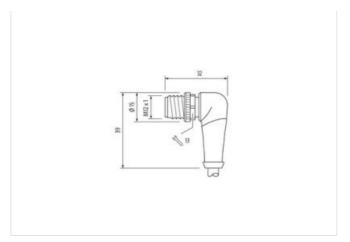


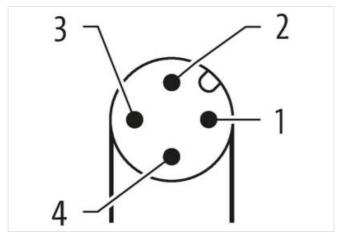




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Product may differ from Image













Cable length	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
suitable for corrugated tube (internal Ø)	10 mm
Cable outlet	angled
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

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: 2025-08-05



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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 CO	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number customs tariff number	85444290
	85444290
EAN	4048879215480 4048879215480
Packaging unit	1
Packaging unit	<u> </u>
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	
·	20 mm
Stripping length (jacket) Mounting set	M12 x 1
Gender	male
	niae
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)	I
Mechanical data Material data	
Coating looking	
Coating locking	Nickeled
Coating locking Coating of fitting	Nickeled nickel plated
Coating of fitting	nickel plated
Coating of fitting Locking material Material screw connection	nickel plated Zinc die-casting
Coating of fitting Locking material Material screw connection Mechanical data Mounting data	nickel plated Zinc die-casting Zinc die-casting
Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method	nickel plated Zinc die-casting
Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic	nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -30 °C
Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max.	nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -30 °C 85 °C
Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -30 °C
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Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -30 °C 85 °C depending on cable quality Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Important installation notes	nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -30 °C 85 °C depending on cable quality



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

Product Standard	DIR ER 01010-2-101 (M12)
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	634
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	36,3 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP P
Amount wires	4
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	•
	0,34 mm ²
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	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
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)	5 x Outer diameter
Bending radius (dynamic)	10 x 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
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min
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