

Y-Distributor M12 male / M12 female 0° A-cod.

PUR 3x0.34 bk UL/CSA+drag ch. 10m

Art.No.: 7000-40701-6331000

Weight: 0.688 Country of origin: CZ

Model designation: MSAYTL0-BR633 10.0-BR633 10.0

Y-connector M12 – M12, 4/3-pole Male straight – females straight

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.

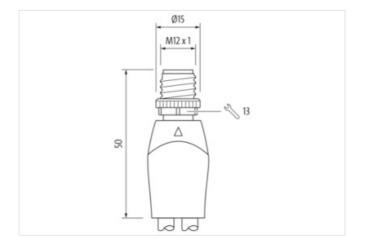
Further cable lengths on request.

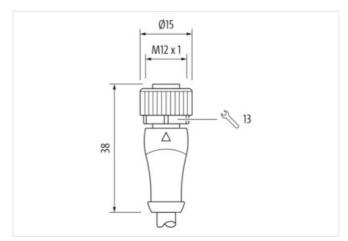
Link to Product

Illustration



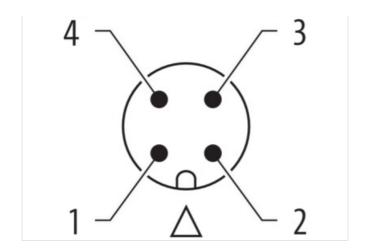


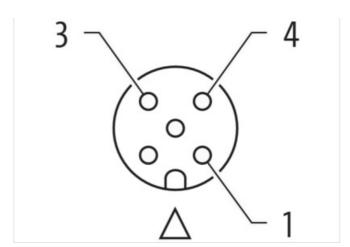


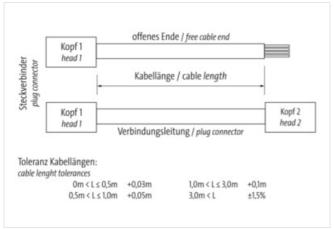


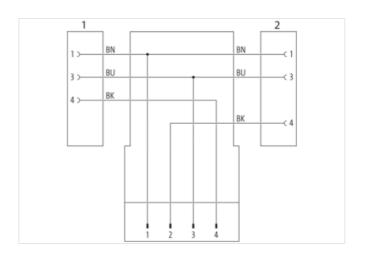


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Product may differ from Image















Header	
Material short text	MSAYTL0-BR633_10.0-BR633_10.0
Cable length	10.0 m
Side 1	
Family construction form	M12
No. of poles	3
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 Ø)	10 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
a	

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



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Family construction from M12 Outsing A Concer female Mounting method insented, screwed Thread MEX x Tighteening torque 0.6 Nm Worth across felts SW13 Cable control straight Suitable for convegated bube (internal O) 10 mm Material Copper alloy Material contact Copper alloy Copies of protection (iEN IEC 60528) IPE7, IVB6K, IPE6 Side 3 ST Side 3 ST Coding A Coding protection (iEN IEC 60528) IPE7, IVB6K, IPE6 Side 3 ST Side 4 ST Coding A Centage protection (iEN IEC 60528) MT 2 1 Timested MT 2 1		
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Cable outliet straight suitable for corrugated tube (internal Q) 10 mm Material contact Coppor alloy Coating contact Oppore alloy Degree of protection (EN IEC 6052s) IPF7, IPEK, IP65 Side3 Side3 Side3 Side3 Side4 Coding A Coding A Gender male Mounting method inserted, screwed Tibreal M12 x 1 Tiptening foruge 0.0 Nm Width across flats SW13 Gabb cutlet straight Material PUR Material contact Oppor alloy Coating contact gold plated Degree of protection (EN IEC 6052e) IP67, IP66K, IP65 Commercial data DIL Klebshop https://shop.murelektronik.com/7000-40701-8331000 GTN 4048879519905 ECLASS-0.0 22778218 ECLASS-1.0 22778218 <td< td=""><td>Tightening torque</td><td>0.6 Nm</td></td<>	Tightening torque	0.6 Nm
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EAN 4048879619905		
	Packaging unit	



stay connected

Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	25 kV
Material group (IEC 60664-1)	1
Mechanical data Material data	
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled
Material gasket	FKM
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
<u> </u>	- `
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 bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	633
Cable Type	3
Amount stranding	1
Stranding	3 wires stranded
Wire arrangement	brown, black, blue
Cable weigth	29.7 g/m
Material wire insulation	PP P
Amount wires	3
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
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	4.1 mm
Outer-diameter (jacket)	
	±5%
Tolerance outer diameter (sheath) Material jacket	± 5 % PUR



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	6 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