

Y-Distributor M12 male / M8 female 0° A-cod.

PVC 3x0.25 bk UL/CSA 10m

Art.No.: 7000-40821-6101000

Weight: 0.607 Country of origin: CZ

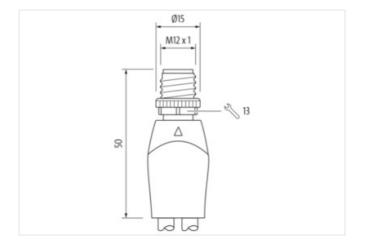
Model designation: MSAYTL0-FR610_10.0-FR610_10.0

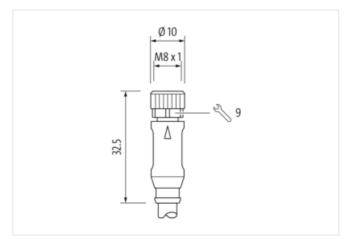
Link to Product

Illustration



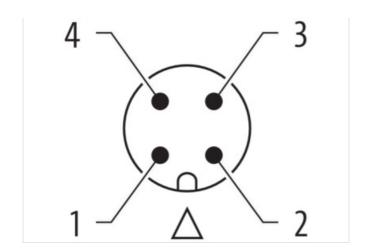


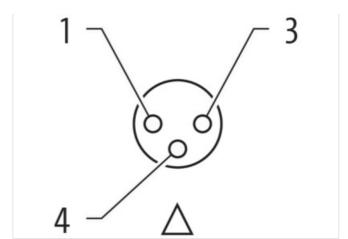


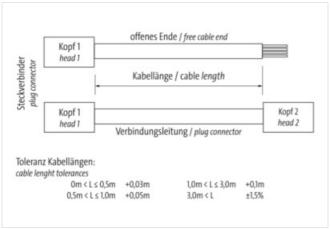


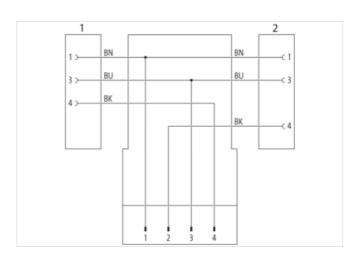


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Product may differ from Image









Side 1	
Family construction form	M8
No. of poles	3
Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M8 x 1
Tightening torque	0.4 Nm
Width across flats	SW9
Cable outlet	straight
suitable for corrugated tube (internal Ø)	6.5 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 2	
Family construction form	M8
No. of poles	3



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Operating voltage DC max. 60 V	GTIN ECLASS-6.0 ECLASS-6.1 ECLASS-7.0 ECLASS-7.1 ECLASS-8.0 ECLASS-8.1 ECLASS-9.0 ECLASS-9.1 ECLASS-10.0.1 ECLASS-11.0 ECLASS-11.0 ECLASS-11.0 ECLASS-12.0 ECLASS-14.0 ETIM-5.0 ETIM-6.0 ETIM-8.0 EAN	4048879712682 27279218 27279218 27279218 27279218 27279218 27279218 27279218 27060313 27060313 27060313 27060313 27060313 27060313 27060313 27060313 27060313 27060313 27060315 EC001855 EC001855 EC001855 EC001855
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stay connected

Current operating per contact max.	4 A
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Diagnostics	
Status indication LED	no
Device protection Electrical	
Additional condition protection degree	incoded encound
Pollution Degree	inserted, screwed 3
Rated surge voltage	1.5 kV
Material group (IEC 60664-1)	1
Mechanical data Material data	
Locking material	Zinc die-casting
Coating locking	Nickeled
Material gasket	FKM
Mechanical data Mounting data	
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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 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), DIN EN 61076-2-104 (M8)
Installation Cable	
Cable identification	610
Cable Type	1
Amount stranding	1
Stranding	Wires
Wire arrangement	brown, black, blue
Cable weigth	29.37 g/m
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1.25 mm
Outer diameter tolerance core insulation	± 0.05 mm
Shore hardness wire insulation	45
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	CFC-free, cadmium-free, silicone-free, lead-free
Amount strands (wire)	14
Diameter of single wires	0.15 mm
Conductor crosssection (wire)	0.25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Outer-diameter (jacket)	4.5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	85
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, lead-free
Material property (jacket)	good machinability



Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.5 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter