

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

PVC 3x0.25 bk UL/CSA 0.6m

Art.No.: 7000-40821-6100060

Weight: 0.057

Country of origin: CZ

Model designation: MSAYTL0-FR610_0.6-FR610_0.6

Y-connector M12 – M8, 4/3-pole

Male straight – females straight

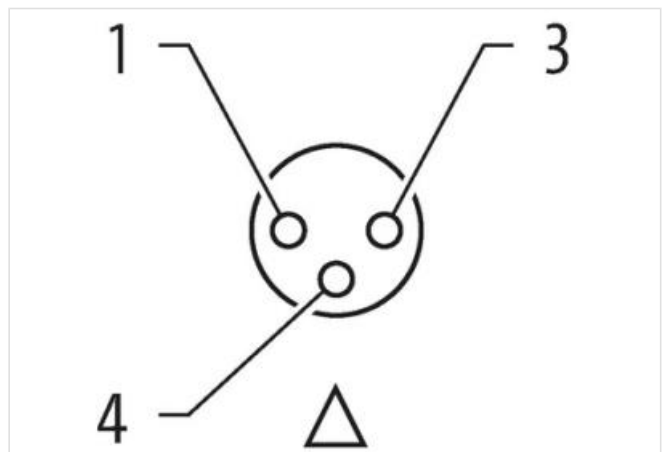
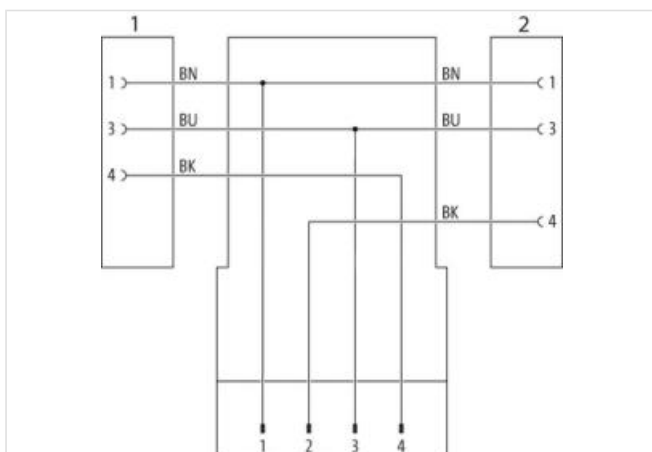
M12, A-coded

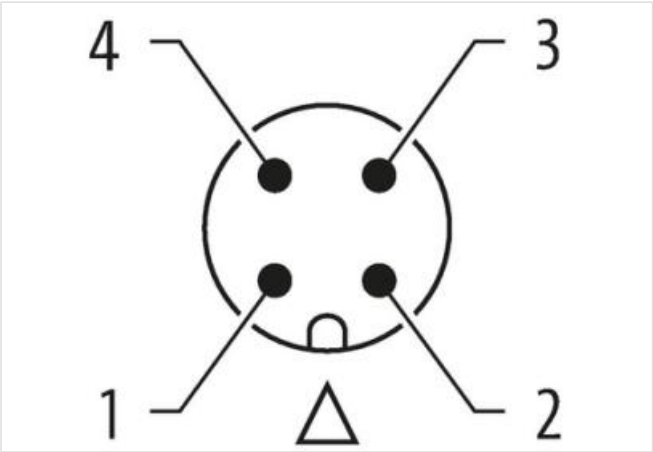
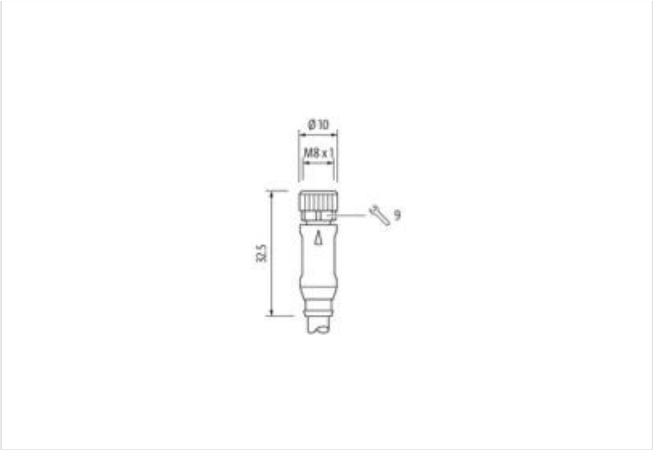
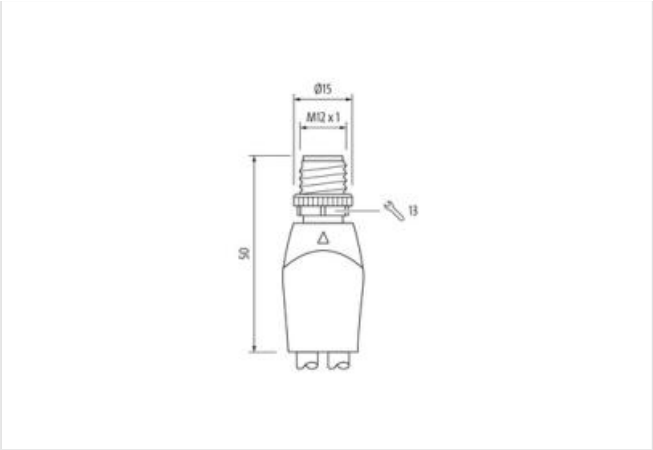
Art.No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

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**



Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Gender	female
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,4 Nm

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Gender	female
suitable for corrugated tube (internal Ø)	6,5 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67

Side 3

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Coding	A
Material contact	Copper alloy
No. of poles	4
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Material	PUR
Gender	male
Cable outlet	straight
Tightening torque	0,6 Nm
Width across flats	SW13
Thread	M12 x 1

Commercial data

ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060313
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
GTIN	4048879154352
GTIN	4048879154352
Packaging unit	1
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A

Diagnostics

Status indication LED	no
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Device protection | Electrical

Additional condition protection degree inserted, screwed

Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

Coating locking	Nickeled
Material gasket	FKM
Locking material	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), DIN EN 61076-2-114 (M8)

Installation | Cable

wire arrangement	brown, black, blue
Cable identification	610
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weighth	29,37 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C

AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
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