

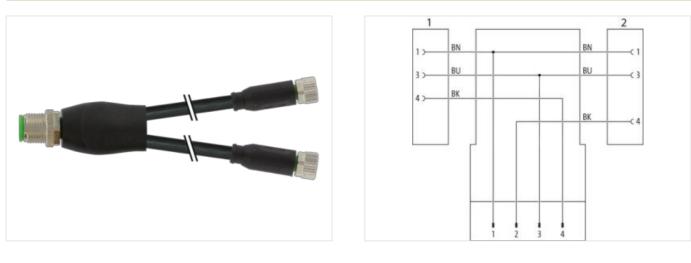
## Y-Distributor M12 male / M8 female 0° A-cod.

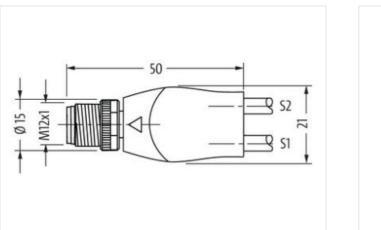
PUR 3x0.25 bk UL/CSA+drag ch. 0.3m

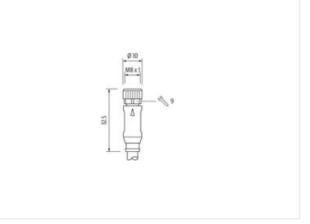
Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration

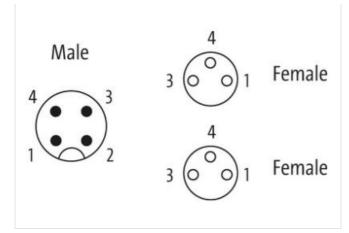






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Product may differ from Image



Mounting methodirCoating contactgFamily construction formMThreadMsuitable for corrugated tube (internal Ø)1CodingAMaterial contactCMaterialPNo. of poles4Width across flatsS	0,6 Nm inserted, screwed gold plated M12 M12 x 1 10 mm A Copper alloy
Mounting methodirCoating contactgFamily construction formMThreadMsuitable for corrugated tube (internal Ø)1CodingAMaterial contactCMaterialPNo. of poles4Width across flatsS	inserted, screwed gold plated M12 M12 x 1 10 mm A
Coating contactgFamily construction formMThreadMsuitable for corrugated tube (internal Ø)1CodingAMaterial contactCMaterialPNo. of poles4Width across flatsS	gold plated M12 M12 x 1 10 mm A
Family construction formMThreadMsuitable for corrugated tube (internal Ø)1CodingAMaterial contactCMaterialPNo. of poles4Width across flatsS	M12 M12 x 1 10 mm A
ThreadMsuitable for corrugated tube (internal Ø)1CodingAMaterial contactCMaterialPNo. of poles4Width across flatsS	M12 x 1 10 mm A
suitable for corrugated tube (internal Ø)1CodingAMaterial contactCMaterialPNo. of poles4Width across flatsS	10 mm A
CodingAMaterial contactCMaterialPNo. of poles4Width across flatsS	A
Material contactCMaterialPNo. of poles4Width across flatsS	
MaterialPNo. of poles4Width across flatsS	Copper alloy
No. of poles4Width across flatsS	
Width across flats S	PUR
	4
Degree of protection (EN IEC 60529)	SW13
	IP65, IP66K, IP67
Side 2	
Tightening torque 0	0,4 Nm
Mounting method ir	inserted, screwed
Coating contact g	gold plated
Family construction form M	M8
Thread M	M8 x 1
suitable for corrugated tube (internal Ø) 6	6,5 mm
Coding A	A
Material contact C	Copper alloy
Material P	PUR
No. of poles 3	3
Width across flats S	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method ir	inserted, screwed
Family construction form M	
Coding A	M8
No. of poles 3	M8 A

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Commercial data		
ECLASS-6.0	27279218	
ECLASS-0.0 ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-0.0	27060311	
ECLASS-10.1	27060313	
ECLASS-10.1	27060313	
ECLASS-12.0	27060313	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879154215	
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	
Device protection   Electrical		
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	1,5 kV	
Material group (IEC 60664-1)		
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.	-25 °C	
Operating temperature max.	85 °C	
Additional condition temperature range	depending on cable quality	
Conformity		
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)	
Installation   Cable		
Cable identification	630	
Cable Type	3	
Jacket Color	black	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	3 wires twisted	
wire arrangement	brown, black, blue	
No. of bending cycles (C-track)	10 Mio. @ 25 °C	
Cable weigth	26,4 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)	4,1 mm	
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Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
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)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C   horizontal
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
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	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   UL 1581 § 1100 FT2   IEC 60332-2-2
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 torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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