

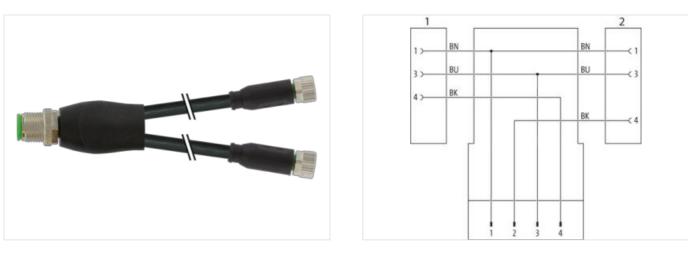
Y-Distributor M12 male / M8 female 0° A-cod.

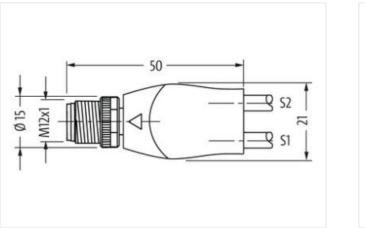
PVC 3x0.25 bk UL/CSA 0.5m

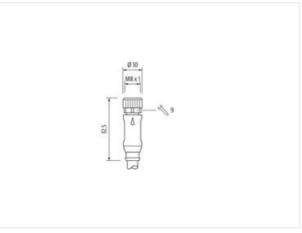
Y-connector M12 – M8, 4/3-pole Male straight – females straight M12, A-coded Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further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

Link to Product

Illustration

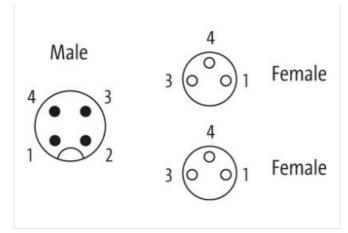






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Product may differ from Image



Coating contact gold plated Family construction form M12 Thread M12 × 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material contact Copper alloy Material contact Copper alloy Material contact Copper alloy Material contact SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque Tightening torque 0.4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material contact Cooper alloy Material contact Cooper alloy Material contact SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 SW9	Cable length	0,5 m
Mounting method Inserted, screwed Coaling contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm 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	Side 1	
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Tightening torque 0,4 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M8 Thread M8 × 1 suitable for corrugated tube (internal Ø) 6,5 mm 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 Mounting method inserted, screwed Family construction form M8	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Mounting methodinserted, screwedCoating contactgold platedFamily construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8CodingA	Side 2	
Coating contactgold platedFamily construction formM8ThreadM8 × 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodMounting methodinserted, screwedFamily construction formM8CodingA	Tightening torque	0,4 Nm
Family construction formM8ThreadM8 x 1suitable for corrugated tube (internal Ø)6,5 mmCodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8CodingA	Mounting method	inserted, screwed
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CodingAMaterial contactCopper alloyMaterialPURNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP65, IP66K, IP67Side 3Mounting methodinserted, screwedFamily construction formM8CodingA	Thread	M8 x 1
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Material PUR No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Image: Step 2 Mounting method inserted, screwed Family construction form M8 Coding A	Coding	A
No. of poles 3 Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3	Material contact	Copper alloy
Width across flats SW9 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3 Image: State of the second sec	Material	PUR
Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 3	No. of poles	3
Side 3 Mounting method inserted, screwed Family construction form M8 Coding A	Width across flats	SW9
Mounting method inserted, screwed Family construction form M8 Coding A	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Family construction form M8 Coding A	Side 3	
Coding A	Mounting method	inserted, screwed
	Family construction form	M8
No. of poles 3	Coding	A
	No. of poles	3

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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	27060313
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879557221
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	
	-25 °C
Operating temperature min.	
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	
Cable identification	610
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Type of Certificate Amount stranding	cURus 1
Amount stranding	1

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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 mm ²
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)	0° ℃
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° ℃
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

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