

## Y-Distributor M12 male / M8 female 90° A-cod.

PUR 3x0.34 gy UL/CSA+drag ch. 0,6m

Y-connector M12 – M8, 4/3-pole Male straight – females 90° M12, A-coded

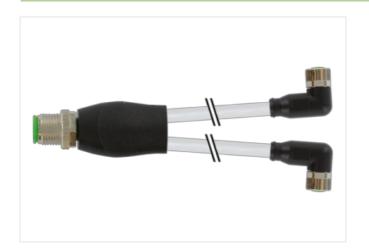
Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

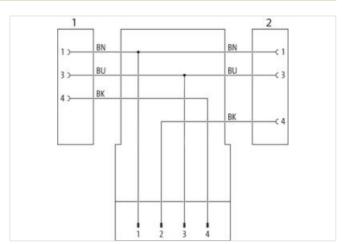
Plastic housings with good resistance against chemicals and oils.

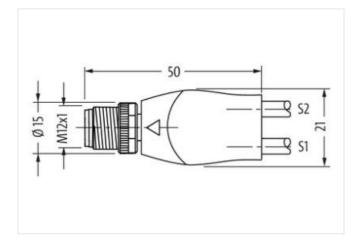
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

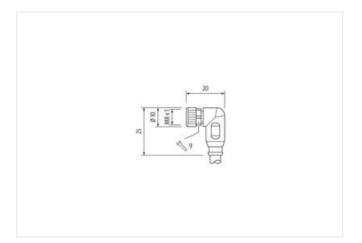
## **Link to Product**

## Illustration











Male Female

Female

Product may differ from Image





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           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2           Tightening torque         0,4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Coding         A           Material contact         Copper alloy           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         Wounting method           Inserted, screwed         Inserted, screwed           Family construction form         M8           Rounting method         inserte	Cable length	0,6 m
Mounting method         inserted, screwed           Coating 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           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2         ************************************	Side 1	
Coating 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           No. of poles         4           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP67           Side 2           Tightening torque         0.4 Nm           Mounting method         inserted, screwed           Coating contact         gold plated           Family construction form         M8           Thread         M8 x 1           suitable for corrugated tube (internal Ø)         6,5 mm           Coding         A           Material contact         Copper alloy           No. of poles         3           Width across flats         SW9           Degree of protection (EN IEC 60529)         IP67           Side 3         Wounting method           Earnily construction form         M8           Coding         A           Mounting method         inserted, screwed           Family construction form         M8 <t< td=""><td>Tightening torque</td><td>0,6 Nm</td></t<>	Tightening torque	0,6 Nm
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Side 2       Tightening torque     0,4 Nm       Mounting method     inserted, screwed       Coating contact     gold plated       Family construction form     M8       Thread     M8 x 1       suitable for corrugated tube (internal Ø)     6,5 mm       Coding     A       Material contact     Copper alloy       No. of poles     3       Width across flats     SW9       Degree of protection (EN IEC 60529)     IP67       Side 3     Wounting method       Family construction form     M8       Coding     A       No. of poles     3       Vommercial data     3	Width across flats	SW13
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Coating contact       gold plated         Family construction form       M8         Thread       M8 x 1         suitable for corrugated tube (internal Ø)       6,5 mm         Coding       A         Material contact       Copper alloy         No. of poles       3         Width across flats       SW9         Degree of protection (EN IEC 60529)       IP67         Side 3       IP67         Mounting method       inserted, screwed         Family construction form       M8         Coding       A         No. of poles       3         Commercial data       Commercial data	Tightening torque	0,4 Nm
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suitable for corrugated tube (internal Ø) 6,5 mm  Coding A  Material contact Copper alloy  No. of poles 3  Width across flats SW9  Degree of protection (EN IEC 60529) IP67  Side 3  Mounting method inserted, screwed  Family construction form M8  Coding A  No. of poles 3  Commercial data	Family construction form	M8
CodingAMaterial contactCopper alloyNo. of poles3Width across flatsSW9Degree of protection (EN IEC 60529)IP67Side 3Mounting methodinserted, screwedFamily construction formM8CodingANo. of poles3Commercial data	Thread	M8 x 1
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Width across flats  Degree of protection (EN IEC 60529)  Family construction form  M8  Coding  A  No. of poles  Commercial data	Material contact	Copper alloy
Degree of protection (EN IEC 60529)  Side 3  Mounting method inserted, screwed  Family construction form M8  Coding A  No. of poles 3  Commercial data	No. of poles	3
Mounting method inserted, screwed Family construction form M8 Coding A No. of poles 3 Commercial data	Width across flats	SW9
Mounting method inserted, screwed Family construction form M8 Coding A No. of poles 3 Commercial data	Degree of protection (EN IEC 60529)	IP67
Family construction form M8  Coding A  No. of poles 3  Commercial data	Side 3	
Coding A No. of poles 3 Commercial data	Mounting method	inserted, screwed
No. of poles 3  Commercial data	Family construction form	M8
Commercial data	Coding	A
	No. of poles	3
ECLASS-6.0 27279218	Commercial data	
	ECLASS-6.0	27279218



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ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879569538
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 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)	I
Mechanical data   Material data	
Coating locking	Nickeled
Material gasket	FKM
Material housing	PUR
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
Important installation notes	
	Durkest the annual track to a visibility and a visibility
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	<b>Attention:</b> 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	233
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Cable weigth	29,7 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
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)	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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
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  Good, application-related testing
Gasoline resistance Oil resistance	
	Good, application-related testing
Oil resistance	Good, application-related testing Good, application-related testing   DIN EN 60811-404
Oil resistance Bending radius (fixed)	Good, application-related testing Good, application-related testing   DIN EN 60811-404 5 x Outer diameter
Oil resistance  Bending radius (fixed)  Bending radius (dynamic)	Good, application-related testing Good, application-related testing   DIN EN 60811-404  5 x Outer diameter  10 x Outer diameter
Oil resistance  Bending radius (fixed)  Bending radius (dynamic)  Travel speed (C-track)	Good, application-related testing Good, application-related testing   DIN EN 60811-404  5 x Outer diameter  10 x Outer diameter  10 Mio. @ 25 °C