

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

PUR 3x0.25 ye UL/CSA+robot+drag ch. 0.6m

Y-connector M12 – M8, 4/3-pole Zinc die casting, save-cover coated Male straight – females 90° M12, A-coded

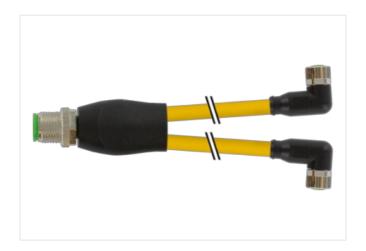
Art-No. 7005 - M12/M8 Lite - (plastic hexagonal screw) on request

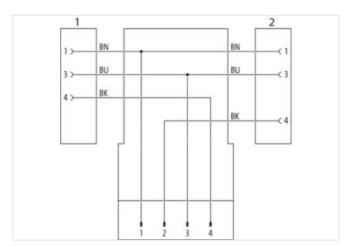
Plastic housings with good resistance against chemicals and oils.

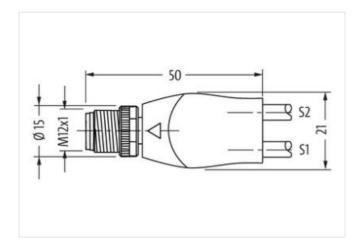
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## **Link to Product**

## Illustration

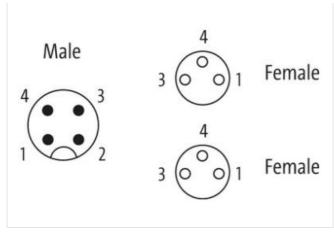












Product may differ from Image





Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
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
Material	PUR
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 $\emptyset$ )	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)	IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M8
Coding	A
No. of poles	3



stay connected

Material gasket FKM Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatio  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   050  Cable Type   5  Jacket Color   yellow  Type of Certificate   CURus  Amount stranding   1  Stranding   3 wires twisted  Wire arrangement   brown, black, blue  Cable weight   26,4 g/m  Material wire arrangement   brown, black, blue  Cable weight   26,4 g/m  Material wire arrangement   58 ± 3 Shore D  Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket)   4,3 mm  Tolerance outer diameter (sheath)   ± 5 %  Amount wires   3  Outer diameter insulation   1,25 mm	Commercial data	
	FCI ASS-6 0	27061801
Peclaging unit		
Coperating voltage AC max.		
Sperating voltage DC max.   60 V		50.1/
Operating voltage AC (UL-listed) 30 V  Degrating 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 insurance of the protection degree of the protection degree insurance of the protection degree of the protection		
Speraing voltage DC (UL listed)   30 V		
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 60864+1) I Mechanical data   Material data Coating locking safe-cover coated Material gastet FRM Coating Safe-coating Saf		
Diagnostics           Status indication LED         no           Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge votage         1.5 k/V           Metalet surge votage         2.6 k/V           Metalet surge votage         5 k/V           Metalet surge votage         7 k/W           Metalet surge votage votage         8 k/W           Metalet surge votage v	1 0 0 \ 1	
Status indication LED no  Pevice protection   Electrical  Additional condition protection degree inserted, screwed  Pollution Degree 3  Raced surge voltage 1,5 kV  Material group (EC 60664-1) 1  Coating locking safe-cover coated  Material group (EC 60664-1) 2  Coating locking safe-cover coated  Material group (EC 60664-1) 2  Coating locking safe-cover coated  Material gasket FKM  Coating locking material Zime decasting  Mochanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Additional condition temperature range   depending on cable quality  Environmental characteristics   Climatic  Attention: Observe the permissible beneding radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard   Dis R 61076 2-101 (M12), Dis R 61076 2-114 (M8)  Installation   Cable  Locket Clobr  yellow   Climatic		
Device protection   Electrical  Additional condition protection degree inserted, screwed  Follution Degree 3  Allacide surge voltage 1,5 kV Material group (IEC 60684-1) 1  Mechanical data   Material data  Coating looking \$afe-cover coated  Material graup (IEC 60684-1) 7  Mechanical data   Material data  Coating looking \$afe-cover coated  Material graup (IEC 60684-1) 7  Mechanical data   Material data  Coating looking \$afe-cover coated  Material graup (IEC 60684-1) 7  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical characteristics   Climatic  Environmental characteristics   Climatic  Diperating temperature min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important Installation notes  Wole on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.  Conformity  Product standard Disc   Michael School   Michael	-	no
Additional condition protection degree   3 Relet surge votage   1,5 kV Material group (EC 60684-1)   1  Mechanical data   Naterial data  Coating locking   3 afec cover coated  Mechanical data   Naterial data  Coating locking   4 afec cover coated  Mechanical data   Nounting data  Wouthing method   5 cc cover coated   Naterial data   Nounting data  Wouthing method   5 cc cover coated   Naterial data   Nounting data  Wouthing method   5 cc cover coated   Naterial data   Nounting data  Wouthing method   6 cc cover coated   Naterial data   Nounting data  Wouthing method   6 cc cover coated   Naterial data   Nounting data  Wouthing method   7 cc cover coated   Naterial data   Nounting data  Wouthing method   7 cc cover coated   Naterial data   Nounting data  Wouthing method   7 cc cover coated   Naterial data   Nounting dat		110
Pollution Degree 3 Rated surge voltage 1,5 kV  Mechanical data   Material group (IEC 60684-1)   Mechanical data   Material data  Coating locking safe-cover coated   Material gasket FKM  Locking material Zinc die-casting   Mechanical data   Mounting data   Mounting method inserted, screwed, Shaking protection   Environmental characteristics   Climatic Operating temperature min.	•	
Rated surge voltage   1,5 kV   Material group (IEC 80684-1)   1  Coating looking   safe-cover coated   Material gasket   FKM   Zinc die-casting   Metarial gasket   FKM   Zinc die-casting   Mechanical data   Munting data   Mechanical data   Munting data   Mounting method   inserted, screwed, Shaking protection    Environmental characteristics   Climatic   Operating temperature min.   25 °C   Operating temperature max.   85 °C   Additional condition temperature range   Operating temperature max.   85 °C   Additional condition temperature range   Important installation notes   Note on barding 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   050   Cable Type   5   Cable identification   99   Cable identification   1   Cable with a stranding   1   Stranding   3 wires twisted   Wire arrangement   brown, black, blue   Cable wight   26.4 g/m   Multerial jacket   PUR   Shore hardness jacket   98 ± 3 Shore D   Freedom from Ingredients (gacket)   4.3 mm   Tolerance outer diameter (seheath)   ± 5 %   Material wire insulation   PP   Amount wires   3   Outer diameter insulation   1,25 mm	<u> </u>	
Material group (IEC 60664-1)  Mochanical data   Material data  Coating locking safe-cover coated  Material gaset FKM  Locking material Individual Individu	•	
Mechanical data   Material data Coating locking safe-cover coated Material gasket FKM Locking material Zinc die-casting  Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min25 °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 Cable identification		1,5 KV
Soaling locking safe-cover coated Material gasket FKM  Locking material Zinc dis-casting  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Mechanical data   Mounting data  Environmental characteristics   Climatic  Diperating temperature min. 25 °C  Diperating temperature max. 35 °C  Additional condition temperature range depending on cable quality  Important installation notes  Whose on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Conformity  Product standard Installation   Cable   Cable identification   Cable   Cable identification   O50  Cable iType   S   Cable itype   S   Carloting   Official   Carloting   Official   Cable itype   Ofertificate   Culfus  Attending   Official   Cable weight   Directificate   Culfus  Material jacket   PUR  Shore hardness jacket   S8 ± 3 Shore D  Freedom from ingredients (jacket)   Lead-rec, cardinum-free, CFC-free, halogen-free, silicone-free  Duter-diameter (gacket)   4,3 mm  Tolerance outer diameter (scheath)   ± 5 %  Material wire insulation   PP  Auterial insulation   PP  Material wire insulation   1,25 mm	,	<u> </u>
Material gasket FKM Locking material Zinc die-casting  Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Environmental characteristics   Climatic  Deparating 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 050  Cable Type 5  Cable identification 050  Cable Type 5  Cable identification 050  Cable Type 6 Certificate CUPsus  Amount stranding 1  Stranding 3 wires twisted  Wire arrangement brown, black, blue  Cable weigth 26,4 g/m  Material jacket PUR  Shore hardness jacket 98 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Duter diameter (jacket) ± 5 %  Material wire insulation PP  Material wire insulation 1,25 mm	Mechanical data   Material data	
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min25°C  Operating temperature man. 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.  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 050  Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 26,4 g/m  Material jacket PUR  Shore hardness jacket 194  Freedom from ingredients (jacket) 4,3 mm  Tolerance outer diameter (sheath) ±5 %  Material wire insulation 1,25 mm  Duter diameter insulation 1,25 mm	Coating locking	
Mechanical data   Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Deprating temperature min	Material gasket	
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min.	Locking material	Zinc die-casting
Environmental characteristics   Climatic  Operating temperature min.  -25 °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.  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  Cable identification  Cable (Corificate Augustus)  June 1  June 2  June 3  June 4  June 3  June 4	Mechanical data   Mounting data	
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Cable Type 5  Jacket Color yellow  Type of Certificate cURus  Amount stranding 1  Stranding 3 wires twisted  wire arrangement brown, black, blue  Cable weigth 26,4 g/m  Material jacket PUR  Shore hardness jacket 58 ± 3 Shore D  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  Outer-diameter (jacket) 4,3 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PP  Amount wires 3  Outer diameter insulation 1,25 mm	•	0.50
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Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm	Tolerance outer diameter (sheath)	· · · · · · · · · · · · · · · · · · ·
Outer diameter insulation 1,25 mm	Material wire insulation	PP
·	Amount wires	3
Outer diameter tolerance core insulation ± 5 %	Outer diameter insulation	1,25 mm
	Outer diameter tolerance core insulation	±5%

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20



## stay connected

Shore hardness wire insulation	74 ± 3 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)	5 m @ 25 °C   horizontal
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)	2,5 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   UL 1581 § 1100 FT2   IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min