

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

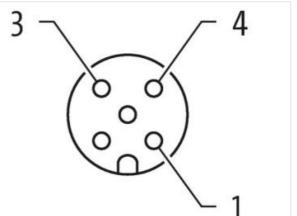
PUR 3x0.34 bk UL/CSA+drag ch. 2.5m

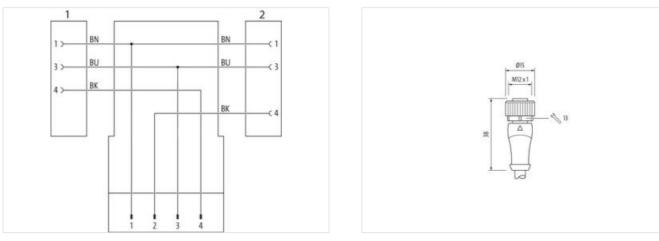
Y-connector M12 – M12, 4/3-pole Male straight – females straight Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.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

## Link to Product

Illustration

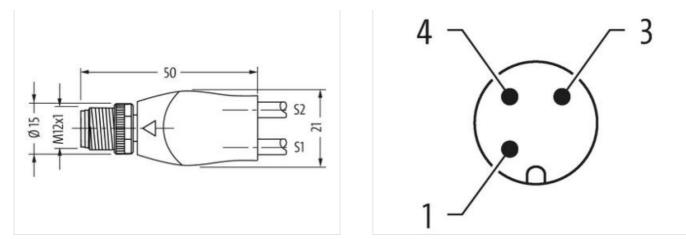






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19





Product may differ from Image



Cable length	2,5 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)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 3	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	3
Commercial data	

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ECLASS 7.022729219ECLASS 7.022729219ECLASS 8.022706011ECLASS 8.1027060013ECLASS 8.1027060013ECLASS 8.1027060013ECLASS 8.12.027060013ECLASS 8.12.027060013ECLASS 8.12.027060013CATAST 9.10440897468849Producing values AGras.250 VOperating values AGras.30 VOperating values AGras.4ADeparting values AGras.4ADeparting values AGras.4ADeparting values AGras.M2 1Develop values AGras.4ADevelop values AGras.4A </th <th>ECLASS-6.0</th> <th>27279218</th>	ECLASS-6.0	27279218
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ECLASS-11.1         27660313           ECLASS-12.0         27660313           ECLASS-12.0         EC001855           customs fairf number         85444280           OTIN         4048670468848           Packaging unit         1           Electrical data [Sapply         Coperating voltage AC max.           Operating voltage AC max.         250 V           Operating voltage AC max.         250 V           Operating voltage AC (UL listed)         30 V           Current operating voltage AC (UL listed)         30 V           Current operating voltage AC (UL listed)         30 V           Current operating voltage AC (UL listed)         30 V           Extes indication LED         no           Istes indication LED         no           Istes indication I Connection         Istes indication I Connection           Machinal geste         Machinal screwed           Politation I Spegre         3           Politation I Station I Spegre	ECLASS-9.0	27060311
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Operating voltage AC (UL-listed)         30 V           Operating voltage DC (UL-listed)         30 V           Current operating per contact max.         4 A           Diagnostics         Stabs indication LED           Stabs indication LED         no           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree           Additional condition protection degree         3           Rated aurge voltage         2,5 kV           Material group (IEC 66664-1)         1           Mechanical data   Material data         Coating of timing           Coating of timing         nickel plated           Material graup (IEC 66664-1)         1           Mechanical data   Material data         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         Jonatie-casting           Mechanical data   Mounting data         Goreating on cable quality           Mounting method         inserted, screwed, Shaking protection           Doparating temperature min.         -25 °C           Oporating temperature min.         -25 °C           Oporating temperature min.         -25 °C           Oporating temperat	, , ,	250 V
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Diagnostics           Status indication LED         no           Installation I Connection         Installation I Connection           Mouning set         M12 x 1           Device protection I Electrical         inserted, screwed           Additional condition protection degree         isserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (EG 60664.1)         I           Mechanical data I Material data         I           Coating locking         Nickeled           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics [ Climatic         Coating ion cable quality           Mounting method         inserted, screwed, Shaking protection           Operating temperature max.         85 °C           Additional condition temperature may         depending on cable quality           Important installation notas         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable its	Operating voltage DC (UL-listed)	30 V
Status indication LED     no       Installation I Connection     Mult x 1       Device protection   Electrical     Mult x 1       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     2,5 kV       Material group (IEC 60664-1)     1       Mechanical data   Material data     Mickeled       Coating locking     Nickeled       Coating locking     Sinc die-casting       Material gasket     FKM       Locking atterits     Sinc di	Current operating per contact max.	4 A
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Installation   Connection           Mouning set         M12 x 1           Device protection   Electrical         inserted, screwed           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Internation data         Material group (IEC 60664-1)           Mechanical data   Material data         Coating of fitting           Coating of fitting         nickel plated           Material group (IEC 60664-1)         Incele plated           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mounting method         inserted, screwed, Shaking protection           Evitronmental characteristics   Climatic         Nounting method           Operating temperature main.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature may.         85 °C           Additional condition temperature max.         85 °C           Additional condition temperature may.         85 °C           Additional condition temperatur		no
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Device protection   Electrical           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         2,5 kV           Material group (IEC 60664-1)         1           Mechanical data   Material data         Coating (IC 60664-1)           Coating locking         Nickeled           Coating of fitting         nickel plated           Material gasket         FKM           Locking material         Zinc die-casting           Material gasket         FKM           Locking material         Zinc die-casting           Material screw connection         Zinc die-casting           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Operating temperature max.           Operating temperature max.         85 °C           Additional condition temperature may.         85 °C           Additional condition temperature may.         85 °C           Note on stra		M12 x 1
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Coating of fitting       nickel plated         Material gasket       FKM         Looking material       Zinc die-casting         Material screw connection       Zinc die-casting         Mechanical data   Mounting data       Mounting method         Mounting method       inserted, screwed, Shaking protection         Environmental characteristics   Climatic       Operating temperature min.         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         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 endagered by excessive bending forces.         Conformity       Product standard         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       3         Cable identification       633         Cable Type       3         Jacket Color       black         Type of Certificate       cURus		
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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            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)           Installation   Cable            Cable identification         633           Cable Type         3           Jacket Color         black           Type of Certificate         cURus		
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       Mounting method         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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       633         Cable identification       633         Cable IType       3         Jacket Color       black         Type of Certificate       cURus		
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification         Cable identification       633         Cable IType       3         Jacket Color       black         Type of Certificate       cURus		
Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification         Cable IType       3         Jacket Color       black         Type of Certificate       cURus	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       Cable identification         Cable identification       633         Cable Type       3         Jacket Color       black         Type of Certificate       cuRus	Environmental characteristics   Climatic	
Additional condition temperature range       depending on cable quality         Important installation notes       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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       633         Cable identification       633         Cable Type       3         Jacket Color       black         Type of Certificate       cURus	Operating temperature min.	-25 °C
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         Product standard       DIN EN 61076-2-101 (M12)         Installation   Cable       633         Cable identification       633         Cable Type       3         Jacket Color       black         Type of Certificate       cURus	Operating temperature max.	85 °C
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.ConformityImage: ConformityProduct standardDIN EN 61076-2-101 (M12)Installation   Cable633Cable identification633Cable Type3Jacket ColorblackType of CertificatecuRus	Additional condition temperature range	depending on cable quality
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)         Installation   Cable       633         Cable identification       633         Cable Type       3         Jacket Color       black         Type of Certificate       cURus	Important installation notes	
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)         Installation   Cable       633         Cable identification       633         Cable Type       3         Jacket Color       black         Type of Certificate       cURus	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard     DIN EN 61076-2-101 (M12)       Installation   Cable     Cable identification       Cable identification     633       Cable Type     3       Jacket Color     black       Type of Certificate     cURus	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Installation   Cable       Cable identification     633       Cable Type     3       Jacket Color     black       Type of Certificate     cURus	Conformity	
Cable identification     633       Cable Type     3       Jacket Color     black       Type of Certificate     cURus	Product standard	DIN EN 61076-2-101 (M12)
Cable Type     3       Jacket Color     black       Type of Certificate     cURus	Installation   Cable	
Jacket Color black Type of Certificate cURus	Cable identification	633
Type of Certificate cURus	Cable Type	3
	Jacket Color	black
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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Stranding	3 wires twisted
wire arrangement	brown, black, blue
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 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
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
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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